



2025 DET-TRONICS PRICE CATALOG



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Price Catalog v21.0 (Combined Numeric Price List (NPL)
and Product Catalog)

Effective Date for NPL / Price Catalog: 1.Jan.2025

Effective Date for Product Catalog: 1.Jan.2025

**Availability and specifications are subject to change without notice.
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Suggestions for use

The Product Catalog section can be searched using the search function built into Adobe Acrobat. To locate a product, follow these steps:

1. Open the Acrobat Search function by clicking on the magnifying glass in the menu bar.
2. Type the name of the product you are looking for into the pop up box and press Enter.
3. Click through the results until you find what you want.

When the Product Catalog is combined with the Numeric Price List, you can find a product price the same way. If you want to search for a product's price, simply take the following steps:

1. Copy the Part Number of the item you want to price.
2. Click on the magnifying glass in the menu bar of Adobe Acrobat.
3. Paste the Part Number and press Enter.
4. Follow the results to the price.

Bookmarks

To navigate to a specific section within the catalog, click on the "Bookmarks" feature, highlight the section you wish to access and press "Enter."

The icon for Bookmarks is:





2025 Numeric Price List

Version: 79-0031-21.0

Date: 11/22/2024

Prices are Effective 01 January 2025

Notes regarding this price list:

1. Det-Tronics reserves the right to make substitutions or changes to products, prices, or terms and conditions without notice.
2. Where available, the second Description line from JDE is now available to assist with item
3. Price data is pulled directly from JDE to simplify communicating changes.
4. In lieu of a change log, a **Price Changed** field is provided. Sorting by this field shows price u
5. Please note the color code for specific products:

Standard discounts and commissions don't apply to these products.

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000003-067	SUN SHADE, FOR X-SERIES FLAME	316SS, 20 GA., W/O HARDWARE	\$ 520	Yes	FLM
000003-089	SUN SHADE, FOR J-BOX & UD10	316SS, 20 GA., W/O HARDWARE	\$ 430	Yes	SYS
000003-107	SUN SHADE, FOR ECLIPSE	316SS, 20 GA., W/O HARDWARE	\$ 430	Yes	SYS
000010-026	0.75"SS316 BALL VALVE FNPT DBL	UNION,1/4 TURN W/HOLE PLUGS	\$ 1,100	Yes	SYS
000010-046	SOL. VALVE, 2 WAY, BRASS	W/ EXPLOSIONPROOF ENCL.,NEMA 4	\$ 510	Yes	SYS
000010-050	CONTROL VALVE,PILOT,1" NST IN	BRASS, 11/4" NST OUT,NOZZLE	\$ 8,300	Yes	
000010-052	SOLENOID VLV ATEX T5 BRASS	2-WAY 1/2"NPT	\$ 3,100	Yes	
000010-053	ULTRA HIGH SPEED DELUGE VALVE	RAPID CONTROLS	\$ 27,300	Yes	
000010-054	ULTRA HIGH SPEED DELUGE VALVE	REPAIR KIT - RAPID CONTROLS	\$ 810	Yes	
000017-074	GLAND, 3/4" NICKEL PLATE BRASS	IP66/68 INMETRO SIZE 20 SHELL	\$ 76	Yes	SYS
000018-020	RELAY RACK,19"X84",43U,WELDED	FOR POWER SUPPLY AND BATTERIES	\$ 1,200	Yes	SYS
000025-164	FOAM RELEASE & ABORT SIGN		\$ 540	Yes	SYS
000025-251	FOAM START SIGN	ARMY HANGAR	\$ 510	Yes	SYS
000025-252	FOAM STOP SIGN	ARMY HANGAR	\$ 510	Yes	SYS
000025-254	FOAM STOP SIGN	WITH OPERATION DESCRIPTION	\$ 270	Yes	SYS
000025-255	FOAM START SIGN		\$ 480	Yes	SYS
000025-261	FOAM RELEASE SIGN		\$ 420	Yes	SYS
000025-263	DISABLE FOAM SYSTEM SIGN		\$ 420	Yes	
000025-264	DISABLE PREACTION SYSTEM SIGN		\$ 420	Yes	
000025-265	OPTICAL FLAME DET. DISABLED	WHEN ILLUMINATED SIGN	\$ 310	Yes	
000025-277	ALTERNATE - FOAM STOP SIGN	WITH OPERATION DESCRIPTION	\$ 540	Yes	
000025-499	LOW LEVEL STOP SIGN	WITH OPERATION DESCRIPTION	\$ 250	Yes	
000025-500	LOW LEVEL START SIGN		\$ 250	Yes	
000025-501	DISABLE LOW LEVEL SYSTEM SIGN		\$ 420	Yes	
000025-504	DISABLE DELUGE SYSTEM SIGN		\$ 220	Yes	
000106-108	RESISTOR, END OF LINE 10K,1/2W		\$ 30	Yes	SYS
000106-112	RESISTOR 36K 1/2W METAL FILM		\$ 4	Yes	SYS
000115-001	MANUAL CALL STATION EXP GLASS		\$ 2,400	Yes	SYS
000115-003	MANUAL CALL STATION EXP RING		\$ 1,900	Yes	SYS
000115-010	MANUAL CALL STATION, X-PROOF	B-9	\$ 1,900	Yes	SYS
000115-011	LIFT & PULL COVER FOR B-9	"FIRE ALARM" LABEL	\$ 41	Yes	SYS
000115-012	LIFT & PULL COVER FOR B-9	"FIRE SYSTEM RELEASE" LABEL	\$ 41	Yes	SYS
000115-028	GLASS BREAK RODS FOR B9,PKG.	OF (10)	\$ 61	Yes	SYS
000115-040	MANUAL CALL STATION EXP RING		\$ 3,400	Yes	SYS
000115-051	MANUAL PULL STATION, 3300 SPST	DUAL ACTION,PUSH-IN,PULL-DN	\$ 190	Yes	SYS
000115-053	PB MCP "FIRE ALARM", RED	CL1 DIV2,2X1/2"NPT, 10K EOL	\$ 1,200	Yes	SYS
000115-054	MCP,BREAK GLASS,UL,CL1 DIV2	2 1/2" BOTTOM,RED,FIRE,SPST	\$ 1,000	Yes	SYS
000115-133	PB STATION"SUPPRESSION RELEASE	LIFT FLAP,RED,10KEOL,1 M20	\$ 1,300	Yes	SYS
000115-166	BACKBOX,SURFACE,RED,4-5/8"H,	2"DEEP,1/2" AND 3/4"KNOCKOUTS	\$ 110	Yes	SYS
000115-167	ABORT STATION,1NO.,MOM CONTACT	2.5AMP@120VDC,1/2"KNOCKOUTS	\$ 240	Yes	SYS
000115-195	MCP,FIRE ALARM,PB,CL1 DIV1,RED	LIFT FLAP,1/2"NPT BOTTOM ENTRY	\$ 2,000	Yes	SYS
000115-202	MCPX,BREAKGLASS & 'O'RINGS	PX635405	\$ 49	Yes	SYS
000115-206	MCP,PBL,ULC,1/2"NPT,ALLOY,24V	CL1DIV1&2,RED,"FIRE/FEU"	\$ 2,000	Yes	SYS
000115-228	PB,MOM,BLUE,WEATHER PROOF		\$ 250	Yes	SYS
000115-229	LIFT COVER,YELLOW,WEATHER PROO		\$ 140	Yes	SYS
000115-230	MCP,YELLOW,NO CONTACTS	SINGLE ACTION	\$ 140	Yes	SYS
000115-231	BACK BOX, YELLOW,WEATHER PROOF	TO BE USED WITH 000115-230	\$ 91	Yes	SYS
000115-232	LABEL,"AFFR RELEASE"	TO BE USED WITH 000115-230	\$ 7	Yes	SYS
000115-240	BACK BOX,WEATHER,DEEP,CAST,3/4	TO BE USED WITH 000115-228	\$ 29	Yes	SYS
000115-242	MCP,DUAL ACTION,GRP,C1D1,RED,	3/4NPT	\$ 2,800	Yes	SYS
000115-257	MCP,DUAL ACT,CL1 DIV1,GRP,3/4"	NPT BOTTOM,RED,PH1	\$ 2,600	Yes	SYS
000115-286	MCP,YEL,"START FOAM",CL1,DIV1	GRP-BCD,DPDT,T HANDLE,KEYRESET	\$ 820	Yes	SYS
000115-293	LIFT COVER,CLEAR,wo/HORN	w/SPACER,NO LABEL,SURFACE MNT	\$ 350	Yes	SYS
000115-301	LABEL HOOD YELLOW NO LABEL	USE WITH 000115-293	\$ 59	Yes	SYS
000115-302	LABEL HOOD BLUE NO LABEL	USE WITH 000115-293	\$ 53	Yes	SYS
000115-308	"PUSH" PB STATION,RED MUSHROOM	NEMA 4, C1D2, 1 NO CONTACT	\$ 260	Yes	SYS
000115-310	KEY SWITCH STATION, 2-POS	NEMA 4, 1 NO CONTACT, C1D2	\$ 370	Yes	SYS
000115-318	HORN, STOPPER II COVER		\$ 120	Yes	SYS
000115-330	MCP,YELLOW,NO CONTACTS	DUAL ACTION	\$ 160	Yes	SYS
000115-343	MCP,PB,SS,CAS-EX D,1L1R1B	M20,IL,NO EOL,DUTY,RED,SM87	\$ 2,900	Yes	
000115-344	MCP,PB,SS,CSA-EX D, 1L1R1B	M20,IR,EOL,DUTY,RED,SM87	\$ 3,500	Yes	
000115-345	MCP,PB,SS,CSA-EX D, 1L1R1B	M20,IL, NO EOL,DUTY,BLUE,SM87	\$ 2,900	Yes	

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000115-346	MCP,PB,SS,CSA-EX D, 1L1R1B	M20,IL,EOL,DUTY,BLUE,SM87	\$ 2,900	Yes	
000115-347	MCP,PB,SS,CSA-EX D, 1L1R1B	M20,IL,EOL,DUTY,YEL,SM87	\$ 2,900	Yes	
000115-349	MCP,PH1,ATEX,1/2"NPT BOTTOM	SERIES-3.3K,EOL-10K,RED	\$ 3,100	Yes	SYS
000115-350	MCP,PB,SS,CSA-EX D, 1B	M20,IR,EOL,DUTY,RED,SM87	\$ 2,800	Yes	SYS
000115-351	MCP,PB,SS,CSA-EX D, 1B	M20,IL,EOL,DUTY,BLUE,SM87	\$ 2,800	Yes	SYS
000115-352	MCP,PB,SS,CSA-EX D, 1B	M20,IL,EOL,DUTY,YEL,SM87	\$ 2,700	Yes	
000115-358	MCP,YEL,"LOW LEVEL",CL1,DIV1	GRP-BCD,DPDT,T HANDLE,KEYRESET	\$ 820	Yes	
000115-373	MCP CL1 D2 DUAL ACT 2X3/4 NPT	RED	\$ 1,700	Yes	
000115-397	PUSH BUTTON "FIRE SHUTDOWN"	LIFT FLAP,YELLOW, UL, 3/4" NPT	\$ 1,500	Yes	
000115-399	MCP,PB,LATCH,SS316,RED,EXD	M20 RB,EOL 12.4K,IL 1K,SS PLUG	\$ 2,200	Yes	
000115-400	MCP,PB,3XM20,RED W/ ISOLATOR	EN54-11,EN54-17,IP67,KEY RESET	\$ 280	Yes	SYS
000115-403	MCP PB,LATCH,GRP,EXD,cUL	RED, SS PLUG, DPDT,W/ RES.	\$ 1,400	Yes	
000115-607	CONTROL STATION COVER	CLEAR HINGED	\$ 320	Yes	
000115-901	"START FOAM" STATION KIT	EXPLOSION PROOF	\$ 1,700	Yes	SYS
000115-902	"STOP FOAM" STATION KIT	EXPLOSION PROOF	\$ 2,300	Yes	SYS
000115-903	"START AND STOP" STATION KIT	ONE SIGN PLATE,GEN.PURPOSE	\$ 1,200	Yes	SYS
000115-904	"START FOAM" STATION KIT	WEATHER PROOF	\$ 660	Yes	SYS
000115-905	"STOP FOAM" STATION KIT	WEATHER PROOF	\$ 550	Yes	SYS
000115-908	FOAM START & STOP STATION KIT		\$ 2,400	Yes	SYS
000115-909	"STOP FOAM" STATION KIT	NEMA 4, C1D2	\$ 1,200	Yes	SYS
000115-912	"START FOAM" STATION KIT,W HRN		\$ 1,900	Yes	SYS
000115-920	"START LOW LEVEL" STATION KIT	EXPLOSION PROOF	\$ 1,200	Yes	
000115-921	"STOP LOW LEVEL" STATION KIT	EXPLOSION PROOF	\$ 1,600	Yes	
000115-929	"STOP FOAM" STATION KIT	EXPLOSION PROOF - ALTERNATE	\$ 2,300	Yes	SYS
000116-167	FENWAL REMOTE ALARM INDICATOR		\$ 62	Yes	SYS
000116-229	FOAM SYSTEM STATUS INDICATOR		\$ 1,200	Yes	SYS
000118-010	HART PORT REPLICATOR KIT	INCLUDES 20M PREFAB CABLE SET	\$ 1,300	Yes	GAS
000118-011	CORDSET,HART 20M IS BLUE	REMOTE HART PORT	\$ 400	Yes	GAS
000118-012	PIRECL ADAPTER, HART PORT	STAINLESS STEEL	\$ 400	Yes	GAS
000118-013	HART PORT CONNECTOR BOX IP67	NYLON WITH ST STL RECEPTACLES	\$ 500	Yes	GAS
000118-016	SS CAP, MALE		\$ 44	Yes	GAS
000118-019	CORDSET,HART 50M IS BLUE	REMOTE HART PORT	\$ 920	Yes	GAS
000118-020	REMOTE HART CONNECTOR KIT	INCLUDES 20M PREFAB CABLE SET	\$ 850	Yes	GAS
000118-021	CABLE HART HH TO EXT CABLE 1M		\$ 270	Yes	SYS
000119-008	SMOKE DETECTOR TESTOR		\$ 66	Yes	SYS
000119-017	SMART ONE SMOKE DET DS-PS	PHOTOELECTRIC TYPE	\$ 150	Yes	SYS
000119-033	SMOKE DETECTOR TEST TOOL	4' EXTENSION POLE	\$ 1,400	Yes	SYS
000119-045	SDI SOLO851 SMOKE DET TEST KIT	KIT CONTAINS EIGHT PIECES	\$ 4,800	Yes	SYS
000119-053	J-BOX, DECKHEAD POLYC,APOLLO	P/N 45681-217	\$ 49	Yes	SYS
000119-082	SMOKE DET,PHOTO/HEAT DET,135F,	4WIRE,LED	\$ 150	Yes	SYS
000119-213	DUCT SMOKE DET,PHOTO,LEDS	TEST,AUX RELAYS,2 WIRE	\$ 340	Yes	
000119-222	SMOKE DET, PHOTO, 2-WIRE	LOW PROFILE, UL, FM	\$ 130	Yes	
000119-223	SMOKE/HEAT DET COMBO, 2-WIRE	LOW PROFILE, PHOTO, UL, FM	\$ 130	Yes	
000119-224	HEAT DET, 2-WIRE, LOW PROFILE	FIX TEMP & RATE OF RISE,UL,FM	\$ 120	Yes	
000119-225	SMOKE RELAYBASE,4",W/6" RING	FOR KC2 SERIES,TRIM SKIRT INCL	\$ 69	Yes	
000119-226	SMOKE DET BASE,4", 2-WIRE	FOR KC2 SERIES,TRIM SKIRT INC	\$ 27	Yes	
000119-227	REMOTE LED INDICATOR KC2	FOR KC2 SERIES STANDARD BASE	\$ 17	Yes	
000119-228	TRIM SKIRT FOR DET BASE,6" DIA	FOR KC2 SERIES BASE	\$ 9	Yes	
000119-247	PIPE KIT L=150MM	FOR BWP-143A-SS DUCT KIT	\$ 76	Yes	
000120-001	HEAT DET VERT SS HEX 140F NO	EXD RATE COMP	\$ 460	Yes	SYS
000120-002	HEAT DET VERT SS HEX 160F NO	EXD, RATE COMP	\$ 460	Yes	SYS
000120-003	HEAT DET VERT SS HEX 190F NO	EXD, RATE COMP	\$ 460	Yes	SYS
000120-004	HEAT DET VERT SS HEX 225F NO	EXD, RATE COMP	\$ 460	Yes	SYS
000120-005	HEAT DET VERT SS HEX 275F NO	EXD, RATE COMP	\$ 460	Yes	SYS
000120-006	HEAT DET VERT SS HEX 325F NO	EXD, RATE COMP	\$ 460	Yes	SYS
000120-007	HEAT DET VERT SS HEX 450F N.O.	EXD, RATE COMP	\$ 460	Yes	SYS
000120-008	HEAT DET VERT SS HEX 600F N.O.	EXD, RATE COMP	\$ 450	Yes	SYS
000120-009	HEAT DET VERT SS HEX 725F N.O.	EXD, RATE COMP	\$ 450	Yes	SYS
000120-010	HEAT DET VERT BRASS HEX 360F	N.O. EXD RATE COMP	\$ 460	Yes	SYS
000120-011	HEAT DET VERT SS HEX 140F N.C.	EXD,VERT,RATE COMP	\$ 460	Yes	SYS
000120-021	J-BOX, FOR DETECTAFIRES	1/2" COVER, 3/4" BASE	\$ 460	Yes	SYS
000120-031	HEAT DET VERT SS HEX 140F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000120-032	HEAT DET VERT SS HEX 160F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-033	HEAT DET VERT SS HEX 190F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-034	HEAT DET VERT SS HEX 225F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-035	HEAT DET VERT SS HEX 275F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-036	HEAT DET VERT SS HEX 325F N.O.	EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-037	HEAT DET VERT BRASS HEX 450F	N.O. EXD RATE COMP ULC LIST	\$ 460	Yes	SYS
000120-058	HEAT DET VERT BRASS HEX 190F	N.O. EXD RATE COMP	\$ 460	Yes	SYS
000120-060	APOLLO SERIES 60 DETECTOR BASE		\$ 9	Yes	SYS
000120-065	HEAT DET VERT BRASS HEX 225F	N.O. EXD RATE COMP	\$ 460	Yes	SYS
000120-066	HEAT DET VERT BRASS HEX 600F	N.O. EXD RATE COMP	\$ 460	Yes	SYS
000120-077	HEAT DETECTOR 325F EEXD W/JBOX	EXP. PRF RATE COMP TEMP IP 67	\$ 2,000	Yes	SYS
000120-145	HEAT DET VERT SS HEX 450F N.O.	EXD,RATE COMP	\$ 460	Yes	SYS
000120-149	ELEC HT DET,GEN PURP,135F,ROR	CULUS,FM,CSFM,MEA-NYC	\$ 81	Yes	SYS
000120-150	ELEC HT DET,GEN PURP,135F	CULUS,FM,CSFM,MEA-NYC	\$ 81	Yes	SYS
000120-155	HEAT DETECTOR 160F EXI W/JBOX	IS, ATEX RATE COMP TEMP IP 67	\$ 2,000	Yes	SYS
000120-273	UNIVERSAL EOL RESISTOR IN BOX	FIBERGLASS NEMA 4X	\$ 1,700	Yes	
000121-001	BEACON, AMBER, 24 VDC GEN PRP	80 FLASHES PER MIN.	\$ 290	Yes	SYS
000121-004	BEACON, AMB. 12-24VDC EXP.PRF	80 FLSH/MIN 520K CP 3/4NPT	\$ 1,100	Yes	SYS
000121-005	BEACON, RED, 12-24VDC EXP.PRF	80 FLSH/MIN 520K CP 3/4NPT	\$ 1,100	Yes	SYS
000121-028	STROBE,CL1 DIV1 C&D,27XST,AMB,	ORDER MOUNT SEPERATLY	\$ 3,100	Yes	SYS
000121-029	STROBE,CL1 DIV1 C&D,27XST,RED,	ORDER MOUNT SEPERATLY	\$ 3,200	Yes	SYS
000121-030	STROBE,CL1 DIV1 C&D,27XST,BLU,	ORDER MOUNT SEPERATLY	\$ 3,100	Yes	SYS
000121-031	STROBE,4X,RED LENS,24VDC,N/POL	225XST	\$ 940	Yes	SYS
000121-035	STROBE,4X,AMB,24VDC,POLARIZED	225XST,1/2"NPT PIPE MOUNT	\$ 940	Yes	SYS
000121-037	STROBE,4X,BLU,24VDC,N/POL	225XST	\$ 870	Yes	SYS
000121-038	STROBE LIGHT, 24VDC, CLEAR	NEMA 4X, IP66, UL, CUL, CSA	\$ 750	Yes	SYS
000121-039	MOUNTING KIT FOR STROBE LIGHT		\$ 210	Yes	SYS
000121-054	CEILING MOUNT BRACKET FOR 121X	& 27XST	\$ 480	Yes	SYS
000121-069	STROBE,24VDC,GEN PURP,1/2"PIPE		\$ 630	Yes	SYS
000121-073	STROBE,24VDC,RED 1/2 PIPE MT	FEDERAL SIGNAL LP3P	\$ 190	Yes	SYS
000121-076	BEACON GRP XB11, UL CL1 DIV II	RED W/ LENS GUARD, 2X 1/2"NPT	\$ 1,500	Yes	SYS
000121-079	BEACON/SOUNDER COMBO ATEX	XB11/DB3 RED LENS/FINISH+GUARD	\$ 4,400	Yes	SYS
000121-080	BEACON GRP XB11, 24VDC, ATEX	RED LENS/FINISH, 2-M20 ENTRIES	\$ 1,800	Yes	SYS
000121-087	BEACON SS SM87, 24VDC, ATEX	RED LENS/FINISH, 1-3/4"NPT RHS	\$ 3,300	Yes	SYS
000121-088	BEACON MGA SM87, 24VDC, UL	RED LENS/FINISH, 1-3/4"NPT RHS	\$ 2,400	Yes	SYS
000121-092	REPLACEMENT XB11 XENON TUBE		\$ 200	Yes	SYS
000121-102	BACK BOX BB-R		\$ 49	Yes	SYS
000121-115	STROBE,24V,BLU LENS,ULC,4X	1/2" PIPE MT,FED SIG LP3P	\$ 190	Yes	SYS
000121-116	MEDC XB4UL STROBE 24V CLEAR	RED BODY, 1 X 3/4" NPT ENTRY	\$ 2,600	Yes	SYS
000121-120	HORN/STROBE MULTI-TONE/CANDELA	24 VDC POLARIZED	\$ 250	Yes	SYS
000121-121	BEACON RED LENS 2X1/2"NPT	CL1 DIV1	\$ 2,300	Yes	SYS
000121-122	BEACON GRP XB11, 24VDC, ATEX	RED LENS/N BLH, 2-M20 ENTRIES	\$ 1,800	Yes	SYS
000121-133	STROBE,24VDC,1/2" PIPE MT,CSFM	CLEAR LENS,INDOOR/OUTDOOR,4X	\$ 1,100	Yes	SYS
000121-155	STROBE,RED,24VDC,PIPE-MOUNT	XB15UL,NATURAL FINISH,3/4"NPT	\$ 1,200	Yes	SYS
000121-156	STROBE,AMBER,24VDC,PIPE-MOUNT	UL,NATURAL FINISH,3/4"NPT	\$ 1,200	Yes	SYS
000121-163	STROBE,CLEAR,24VDC,PIPE-MOUNT	UL,NATURAL FINISH,3/4"NPT	\$ 1,200	Yes	SYS
000121-166	STROBE,24VDC,BLU,UL,GUARD	PIPE MOUNT 3/4"NPT BLK HSG	\$ 1,200	Yes	SYS
000121-172	STROBE,24VDC,1/2"PIPE MT,CSFM	RED LENS,INDOOR/OUTDOOR,4X	\$ 1,100	Yes	SYS
000121-260	STROBE,AMBER,24VDC,IP65,5JOULE	UL,WHITE ABS SURFACE	\$ 140	Yes	SYS
000121-282	STROBE, BLUE LENS, WTHR PROOF	24VDC 115/177	\$ 140	Yes	
000121-299	STROBE,RED LENS,WEATHER PROOF,	24VDC,UL1638,WHITE ABS,SURF MT	\$ 140	Yes	SYS
000121-312	BEACON,STEADY,LED,GRN,CL1,DIV1	GROUP C,D, PENDANT,3/4	\$ 3,000	Yes	SYS
000121-318	PENDANT MOUNT FEDERAL 24XST		\$ 280	Yes	SYS
000121-319	DOME GUARD FEDERAL 24XST-XXX		\$ 140	Yes	SYS
000121-320	BEACON,AMBER,CL1,DIV1,SS	GROUP B,C,D, 5JOULE	\$ 3,900	Yes	SYS
000121-331	WALL MOUNT BRACKET FOR 121X &	27XST	\$ 720	Yes	SYS
000121-351	WALL MOUNT KIT,FEDERAL SIGNAL	FOR STROBES 151XST-012-024X	\$ 350	Yes	SYS
000121-352	STROBE,CL1DIVII,CLEAR,2ENTRIES	CEILING MOUNT	\$ 730	Yes	SYS
000121-355	STROBE OUTLET BOX ATTACHMENT	EDWARDS STROBE 105DHISTX-FJ	\$ 88	Yes	SYS
000121-375	WALL BRACKET MOUNTING ELBOW ED	EDWARDS	\$ 390	Yes	SYS
000121-376	CEILING / WALL MOUNTING MODULE	EDWARDS	\$ 520	Yes	SYS
000121-381	HORN,CL1D2,UL,24VDC,2-1/2"NPT,	RED,GRP/THERMOPLASTIC	\$ 1,900	Yes	SYS

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000121-410	TERMINAL BLOCK KIT	FOR FEDERAL SIGNAL LHWB	\$ 110	Yes	SYS
000121-411	3/4" MNPT HARDWARE ADAPTOR KIT	TO 1/2" OR 1" FNPT	\$ 88	Yes	SYS
000121-437	LED STROBE, RED, 24VDC, CL1,	DIV1, X-PROOF, SUPERVISED	\$ 3,000	Yes	
000121-438	WALL MOUNT BRACKET FOR 27XL		\$ 890	Yes	SYS
000121-447	BEACON 4X CL1 DIV2 BLU 120VAC	225X 1/2"NPT PIPE MOUNT	\$ 770	Yes	SYS
000121-448	BEACON 4X CL1 DIV2 BLU 120VAC	WALL MOUNT KIT, 1/2"NPT	\$ 1,300	Yes	SYS
000121-457	BEACON/SOUND COMB MEDC UL 10K	XB15/DB3B BLUE LENS RED FINISH	\$ 4,400	Yes	SYS
000121-477	STROBE, MEDC, XB15, GREEN LENS	CL1 DIV2 ABCD, RED, 24V	\$ 1,300	Yes	
000121-478	BEACON, LED WARNING, RED, 24DC	2-1/2"NPT,NP BRASS PLUG, GUARD	\$ 750	Yes	
000121-491	BEACON 4X CL1 DIV2 RED 120VAC	WALL MOUNT KIT, 1/2"NPT	\$ 1,300	Yes	SYS
000121-505	ROT. BEACON,C1D1,120VAC,BLU,	ORDER MOUNT SEPARATELY	\$ 2,400	Yes	
000121-513	STROBE 10JOULE BLUE LENS	RED BODY CL1DIV2 Z2 24VDC	\$ 1,200	Yes	SYS
000121-514	STROBE 10JOULE AMBER LENS	RED BODY CL1DIV2 Z2 24VDC	\$ 1,200	Yes	
000121-515	STROBE 10JOULE CLEAR LENS	RED BODY CL1DIV2 Z2 24VDC	\$ 1,200	Yes	SYS
000121-516	STROBE 10JOULE RED LENS	RED BODY CL1DIV2 Z2 24VDC	\$ 1,200	Yes	SYS
000121-521	BEACON/STROBE COMBO	DB3B & XB15 112Db BLUE 15J	\$ 3,300	Yes	
000121-527	ROTATING BEACON,GP,BLUE LENS	120VAC,60/MIN,1/2"NPT,4X,LED	\$ 480	Yes	
000121-528	ROTATING BEACON,GP,BLUE,120VA	WALL MOUNT KIT,1/2"NPT,4X,LED	\$ 1,100	Yes	
000121-536	ROTATING BEACON,GP,RED,120VA	WALL MOUNT KIT,1/2"NPT,4X,LED	\$ 990	Yes	
000121-538	HORN/STROBE 10J CL1D2 CLR LENS	RED BODY 316 SS GRD 2X1/2"NPT	\$ 2,500	Yes	SYS
000121-539	BEACON ROTATING BLUE LED	24VDC 1/2" PIPE SURFACE 60RPM	\$ 610	Yes	
000121-540	BEACON ROTATING RED LED	24VDC 1/2" PIPE SURFACE 60RPM	\$ 610	Yes	
000121-544	BEACON XENON 8J RED CL1 D2	65FPM	\$ 760	Yes	
000121-552	HORN/STROBE 5J CL1D2 RED LENS	RED BODY 316 GRD 2X3/4"NPT	\$ 1,700	Yes	
000121-554	BEACON LED Exd RED LENS	RED BODY 316 GRD 2X3/4"NPT	\$ 2,500	Yes	SYS
000121-555	HORN/STROBE 10J CL1D2 RED LEN	RED BODY 316 GRD 2X1/2"NPT	\$ 2,500	Yes	
000121-561	BEACON,XENON 5J,RED,RD,UL,ATEX	2x3/4"NPT,2xM20,1x3/4",IECEX	\$ 2,100	Yes	
000121-574	BEACON, ANGLE BRACKET, RED	SS316, USE WITH 000121-572	\$ 380	Yes	
000121-596	BEACON,XENON 15J,RED/RED	IECEX,EXP,24V,2XM20,3X3/4"NPT	\$ 2,600	Yes	
000121-609	REPLACEMENT LED LAMP, RED	FOR FED. SIGNAL 191XL BEACONS	\$ 310	Yes	
000121-617	BEACON/SOUNDER COMB. UNIT,SS	1XDB3BM/3XSM87LED W/GRP JB,M32	\$ 6,500	Yes	
000121-618	BEACON/HORN COMBO,RED/RED,24V	C1D1,2x1/2"NPT,NP PLUG	\$ 4,000	Yes	
000121-622	BEACON,XENON,24VDC,IECEX	1XM20,RED LENS,RED FINISH	\$ 2,300	Yes	
000121-627	BEACON RED,LED,ATEX,M20TB,SS	24VDC,60 FPM,1.5 SQ.MM TERM.	\$ 1,100	Yes	
000121-628	DB3B/XB15 COMBO UL 2X10KEOL	1X1/2 NPT BOTTOM SS GUARD	\$ 2,800	Yes	
000121-629	DB3B/XB15 COMBO UL 1CNR	1X1/2 NPT SS GUARD	\$ 2,800	Yes	
000121-630	BEACON,XEN. 5J,cUL/IECEX/ATEX	RED,2X1/2"NPT,AL,CLEAR LENS,60	\$ 1,700	Yes	
000121-631	BEACON,XEN. 5J,cUL/IECEX/ATEX	RED,2X1/2"NPT,AL,AMBER LENS,60	\$ 1,700	Yes	
000121-632	BEACON,XENON,21J,GR,AM,UL,ATEX	IECEX, 1xM20	\$ 2,100	Yes	
000121-633	BRACKET FOR BEACON,XENON,21J	MULTI-ANGLE, GREY, A4 (316)	\$ 290	Yes	
000121-634	DB3BM/SM87HXB COMBO SOUNDER&	STROBE, CLASS I DIV 1, RED	\$ 4,700	Yes	
000121-635	COMBO BEACON / SOUNDER	120VAC, RED LENS, RED FINISH	\$ 2,600	Yes	
000121-636	WALL MOUNTING KIT, SAFE AREAS	4X, FOR FEDERAL SIGNAL LIGHTS	\$ 280	Yes	
000121-640	STROBE, AMBER, ATEX, XB15	REPLACES OBSOLETE 000121-234	\$ 1,400	Yes	
000121-641	HORN/STROBE COMBO, MEDC XB15	RED LENS & GUARD, ATEX/UL	\$ 2,100	Yes	
000121-642	DB3B/XB15 BEACON STROBE COMBO	YELLOW LENS RED BODY	\$ 3,800	Yes	
000122-019	HORN,FEDERAL 24VDC 99DB @ 10'		\$ 320	Yes	SYS
000122-024	HORN,EXPLOS. 24VDC 100DB @ 10'		\$ 2,400	Yes	SYS
000122-031	ALARM HORN, 24VDC, CLASS1 DIV2	NON-POLARIZED	\$ 2,300	Yes	SYS
000122-033	HORN,24VDC,99DB@10',NON-POLAR	W/O BACK BOX	\$ 320	Yes	SYS
000122-034	PANEL MNT GASKET KIT, 350/450		\$ 22	Yes	SYS
000122-035	BACK BOX, FOR 450 HORN,CAST AL		\$ 94	Yes	SYS
000122-036	SIREN,24VDC,120 OR 240,EXPL		\$ 4,700	Yes	SYS
000122-037	BACKBOX,INDOOR/OUTDOOR IOB		\$ 65	Yes	SYS
000122-052	UNIVERSAL TONE MODULE,32 TONES		\$ 260	Yes	SYS
000122-074	HORN, 24VDC, CL1 DIV2, 108DB		\$ 1,900	Yes	SYS
000122-078	MTWP HORN/STROBE FENWAL	MTWP-2475W-FR, 75-000017-001	\$ 250	Yes	SYS
000122-079	SOUNDER,DB3B,2-1/2"NPT ATEX/UL	EXD, RED	\$ 2,200	Yes	SYS
000122-080	OBS.-SOUNDER,DB3,GRP 12-48VDC	115DB,EEXD, 2-20MM, RED FINISH	\$ 2,100	Yes	SYS
000122-097	BACKBOX,WP,FOR MT H/S	HORN/STROBE	\$ 56	Yes	SYS
000122-098	HORN,100DB@10',CL1 DIV2,C&D	10K EOL,MEDC DB1HP,RED	\$ 3,900	Yes	SYS
000122-099	SOUNDER,DB3,GRP 12-48VDC,118DB	EEXD, 2-20MM, BLK FINISH	\$ 1,900	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000122-112	HORN,24VDC,114DB@10',CL1 DIV1	GRPS BCD,4-WIRE	\$ 5,600	Yes	SYS
000122-144	HORN,100+-3DB@10',24VDC,RED	CL1 DIV1 C&D,2 3/4"NPT,DB1HPUL	\$ 3,400	Yes	SYS
000122-183	BACK BOX,WEATHER PROOF,WHITE,	SURFACE MOUNT	\$ 31	Yes	SYS
000122-246	STROBE, TYPE 4X, RED	LOW PRO. MINI, SURFACE MOUNT	\$ 210	Yes	SYS
000122-255	HORN CL1D2 1/2"NPT ZONE 2	SS BKT BLK UL IECEX ATEX	\$ 1,800	Yes	
000122-269	SOUNDER,EXD,4TONE,RED,AL,M20	2XM20,SS PLUG,123 DB,CUSTOM	\$ 2,400	Yes	
000122-274	HORN,120VAC,EXXON TONES	2X1/2NPT,DB3BUL	\$ 1,500	Yes	
000122-275	STATUS LIGHT (3) 3/4NPT	LED GRN AMB RED	\$ 6,500	Yes	
000122-278	HORN SOUNDER,123DB,RED	FLARE,24VDC,2X3/4"NPT,IECEX	\$ 1,900	Yes	
000122-281	SOUNDER, NEMA 4/4X, C1D2, RED	2x1/2"NPT, NPB ADAPTORS	\$ 1,900	Yes	
000128-132	LIMIT SWITCH, ATEX, AL	2 SPDT SNAP, 3/4" NPT, EEX D	\$ 860	Yes	SYS
000128-175	KEY MAINT SW 4PDT,LED IND,	KEY OPER(NONREMV WHEN OPERATED	\$ 630	Yes	SYS
000128-192	FLAME DISABLE KEY SW KIT,2-POS	NEMA 4/7, 1 NO CONTACT, C1D1	\$ 2,300	Yes	
000128-195	MAGNETIC LIMIT SW., SPDT, C1D2	316SS, 1/2" FNPT, W/J-BOX, UL	\$ 970	Yes	
000131-035	FUSE 10A-250-ABC-1/4X1.25	CERAMIC	\$ 9	Yes	SYS
000133-282	TERMINAL STRIP, 2X12, 12-20AWG	32A, 250V	\$ 6	Yes	SYS
000133-570	RELAY, PLUGGABLE, 24VDC, 2PDT		\$ 26	Yes	SYS
000133-571	RELAY HOLDER DIN RAIL MT	USE WITH 000133-570	\$ 26	Yes	SYS
000134-027	BARRIER,DRIVER/REPEATER,IS,1CH	APPR SFTY BARRIER FOR ORBIS IS	\$ 650	Yes	SYS
000136-280	ADAPTOR, FIBER OPTIC,MULTIMODE	LC/UPC (F) TO SC/UPC (M)	\$ 72	Yes	
000139-025	4-20 2CH ISOLATING BARRIER	USE WITH DEC PN 000139-023	\$ 920	Yes	
000139-026	4-20 ISOLATING BARRIER POWER	USE WITH DEC PN 000139-023	\$ 550	Yes	
000147-133	CABLE,RS232 DB9-DB9 FEMALE 6'		\$ 55	Yes	SYS
000147-164	CABLE,LON,FLDDBUS,18AWG 1 PR	PVC JACKET,NO ARMOR	\$ 4	Yes	SYS
000147-249	CABLE,ETHERNET,STPIN,30 FT	RJ45,CAT5,STRANDED,24AWG	\$ 54	Yes	SYS
000147-251	CABLE,DB9,M/F,50FT,STRAIGHT	9 CONDUCTORS,FOIL SHIELD	\$ 140	Yes	SYS
000147-260	CABLE, NPLFP, SHIELDED, LON	RED, FEP/FEP, 2/18 AWG, 500'	\$ 2,200	Yes	SYS
000147-261	CABLE, NPLFP, SHIELDED, LON	RED, FEP/FEP, 2/18 AWG, 1000'	\$ 4,300	Yes	SYS
000147-284	CABLE, USB-A TO USB-B 36 FT	REPEATER	\$ 87	Yes	
000161-005	ELEC BOX,4"ROUND,ALUM	WEATHERPROOF, 5-1/2" ENTRIES	\$ 38	Yes	SYS
000207-020	CHARGER, BATTERY,10AMPS,12-24V	RED ENCLOSURE	\$ 690	Yes	SYS
000207-023	PS/CHARGER 2.5ADC, .7A CHARGE	115VAC/60HZ-12VDC OR 24VDC	\$ 420	Yes	SYS
000210-003	CO2 INSTRUCTION SIGN		\$ 87	Yes	SYS
000210-004	MAIN NAMEPLATE SIGN	CO2/CLEAN AGENT ALUMINUM	\$ 87	Yes	SYS
000210-005	RESERVE NAMEPLATE SIGN	CO2/CLEAN AGENT ALUMINUM	\$ 87	Yes	SYS
000210-008	CO2 WEIGHING SCALE		\$ 4,300	Yes	SYS
000210-016	CO2 CAUTION SIGN		\$ 87	Yes	SYS
000210-023	BREAKABLE COVER, PULL BOX	FOR DEC P/N 000210-020	\$ 88	Yes	SYS
000210-029	CO2 MAINTENANCE TOOL KIT		\$ 5,300	Yes	SYS
000210-047	CO2 WARNING SIGN - VACATE	NFPA 12 COMPLIANT	\$ 120	Yes	SYS
000210-048	CO2 WARNING SIGN- DO NOT ENTER	NFPA 12 COMPLIANT	\$ 120	Yes	SYS
000210-053	CO2 WARNING SIGN - ACTUATION	NFPA 12 COMPLIANT	\$ 120	Yes	SYS
000210-080	CO2 WARNING SIGN - VACATE	NFPA 12 COMPLIANT - FRENCH	\$ 260	Yes	SYS
000210-081	CO2 WARNING SIGN- DO NOT ENTER	NFPA 12 COMPLIANT - FRENCH	\$ 260	Yes	SYS
000210-083	CO2 WARNING SIGN - ACTUATION	NFPA 12 COMPLIANT - FRENCH	\$ 360	Yes	SYS
000210-100	CO2 CYLINDER 100LBS, DOT/TC	FULL (WITH HYDROTEST REPORT)	\$ 3,600	Yes	SYS
000210-200	DISCHARGE HEAD, PLAIN NUT		\$ 580	Yes	SYS
000210-201	OUTER O-RING (DISCHARGE HEAD)		\$ 16	Yes	SYS
000210-202	INNER O-RING(DISCHARGE HEAD)		\$ 16	Yes	SYS
000210-203	EXPLOSION PROOF CONTROL HEAD	CO2/CLEAN AGENT - UL/FM 24 VDC	\$ 2,300	Yes	SYS
000210-205	FLEX HOSE 3/4"	(WITH PRESSURE TEST REPORT)	\$ 190	Yes	SYS
000210-209	ELECTRIC CONTROL HEAD, 24 VDC	CO2/CLEAN AGENT	\$ 1,500	Yes	SYS
000210-215	S TYPE NOZZLE CODE 6		\$ 230	Yes	SYS
000210-217	SAFETY OUTLET PRESSURE RELIEF	CO2/N2 2400-2800 PSI BRASS	\$ 240	Yes	SYS
000210-218	DISCHARGE INDICATOR, 3/4" NPT	CO2/CLEAN AGENT BRASS BODY	\$ 430	Yes	SYS
000210-225	MULTIJET NOZZLE, S TYPE	SIZE 9+	\$ 210	Yes	SYS
000210-308	CHECK VALVE 3/4", BRASS	CO2/CLEAN AGENT BRASS BODY	\$ 650	Yes	SYS
000210-311	3/4IN CO2 LOCK OUT VALVE W/	NEMA 4,4X,7,9 LIMIT SWITCH	\$ 1,800	Yes	SYS
000210-316	PRESSURE SWITCH, SS, 5A, SPDT,	86 PSI INCREASING, UL, ATEX	\$ 960	Yes	SYS
000210-340	1.5 KW ELECT. HEATER W/ T-STAT	220V, 1PH., 50HZ, CE/ATEX	\$ 5,000	Yes	SYS
000210-500	CO2 CYLINDER 100LBS, TPED/PED	FULL (WITH HYDROTEST REPORT)	\$ 4,000	Yes	SYS
000210-501	24VDC EX PROOF CONTROL HEAD,	ATEX/CE APPROVED	\$ 3,800	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000210-709	LIFT-PULL COVER,"CO2 RELEASE"		\$ 43	Yes	SYS
000211-214	PILOT CYLINDER N2 108 CU INCH	WITHOUT MOUNTING BRACKET	\$ 1,100	Yes	
000214-133	HOSE BARB, 1/4" TUBE, QK CON		\$ 36	Yes	SYS
000214-139	FITTING, REDUCER 3/4" TO 1/2"	CLASS 1 DIV 1&2 GROUP C & D	\$ 7	Yes	SYS
000214-160	ADAPTER,M20(M)TO1/2NPT(F),	BRASS,EEXDE I&IIC	\$ 39	Yes	SYS
000214-223	PLUG, BLANKING, NYLON M20		\$ 4	Yes	SYS
000214-280	TUBE, RETURN, 1 FOOT, 316SS	DUCT MOUNT ASSY	\$ 200	Yes	GAS
000214-281	TUBE, SAMPLE, 1 FOOT, 316SS	DUCT MOUNT ASSY	\$ 200	Yes	GAS
000214-282	TUBE, SAMPLE, 3 FEET, 316SS	DUCT MOUNT ASSY	\$ 230	Yes	GAS
000214-283	TUBE, SAMPLE, 6 FEET, 316SS	DUCT MOUNT ASSY	\$ 420	Yes	GAS
000214-284	TUBE, SAMPLE, 10 FEET, 316SS	DUCT MOUNT ASSY	\$ 680	Yes	GAS
000214-285	TUBE, SAMPLE, 13 FEET, 316SS		\$ 890	Yes	GAS
000214-298	ADAPTER,3/4NPTF TO M25M,SS	ATEX,CSA,EEXD/EEXE	\$ 130	Yes	SYS
000214-332	ADAPTER,1/2"(M)NPT X M20(F),SS	EXD, EXE, IECEX,ATEX,CSA, EAC	\$ 73	Yes	SYS
000214-391	STOP PLUG,M20,SS,W/ "O" RING	ALL APPROVALS	\$ 49	Yes	SYS
000214-419	TUBE, SAMPLE, 15 FEET, 316SS	SAMPLE DRAW ASSEMBLY	\$ 1,200	Yes	GAS
000214-423	STOP PLUG,M25,BRASS NICKEL	PLATE,ATEX,EXDE,W/O "O" RING	\$ 39	Yes	
000215-001	ENCLOSURE INSIDE WARNING SIGN	WATER MIST	\$ 250	Yes	SYS
000215-006	WARNING SIGN - DO NOT ENTER	WATER MIST-ISO 3864-ENGLISH	\$ 230	Yes	SYS
000215-007	WARNING SIGN - VACATE AREA	WATER MIST-ISO 3864-ENGLISH	\$ 230	Yes	SYS
000215-009	WARNING SIGN - ACTUATION	WATER MIST-ISO 3864-ENGLISH	\$ 230	Yes	SYS
000215-010	9 NOZZLE SPRAY HEAD	4S 1MC 8MB 1100 (APP CODE 101)	\$ 730	Yes	SYS
000215-011	SPRAY HEAD MOUNTING ADAPTOR	ASSEMBLY, 1/2" OD COMP.	\$ 590	Yes	SYS
000215-012	SPRAY HEAD MTG ADPT BLANK PLUG	(APP CODE 401)	\$ 160	Yes	SYS
000215-019	6F,8F,6TF,8TF SERIES	ELEMENT KIT, 90 MICRON	\$ 27	Yes	SYS
000215-020	NITROGEN CYLINDER, 50L - EMPTY	UN/ISO USA STYLE "T" OR "1L"	\$ 1,100	Yes	SYS
000215-022	NITROGEN CYLINDER, 50L - FULL	UN/ISO USA STYLE "T" OR "1L"	\$ 1,300	Yes	SYS
000215-023	N2 CYLINDER	(APP CODE 401) EMPTY, TPED	\$ 2,400	Yes	SYS
000215-031	ENCLOSURE OUTSIDE WARNING SIGN	WATER MIST	\$ 240	Yes	SYS
000215-035	9 NOZZLE SPRAY HEAD, SS316	4S 1MC 8MB 1100	\$ 1,100	Yes	SYS
000215-036	SPRAY HEAD MTG.ADAPTOR ASSY.	1/2" OD COMP., SS316	\$ 860	Yes	SYS
000215-039	PRESSURE GAUGE 0-250 BAR	OIL FILLED	\$ 87	Yes	SYS
000215-082	SOR PRESSURE SWITCH, SS,	180 BAR DECREASING, ATEX	\$ 1,800	Yes	SYS
000215-130	WATER CYL,50L,200 BAR	DOT/TPED APPROVED, REPLACEMENT	\$ 2,800	Yes	SYS
000215-231	1/4" BONDED SEAL WASHER, SS316	TO SEAL N2 ACT W/ N2 CYL/ADPT	\$ 8	Yes	SYS
000215-233	WARNING SIGN - ACTUATION	WATER MIST-ISO 3864-MALAY	\$ 360	Yes	SYS
000215-235	WARNING SIGN - DO NOT ENTER	WATER MIST-ISO 3864-MALAY	\$ 360	Yes	SYS
000215-236	WARNING SIGN - VACATE AREA	WATER MIST-ISO 3864-MALAY	\$ 360	Yes	SYS
000215-237	SS316 PROTECTIVE CAP W/ O-RING	9 NOZZLE SPRAY HEAD	\$ 200	Yes	SYS
000215-368	ACTUATOR VLVE CONNECTR, UK	COMP. GAS,BS341-3, 5/8" BSP RH	\$ 190	Yes	
000392-0002	EQ3900G RIO 2 AIM	2400 SERIES	\$ 12,100	Yes	SYS
000392-0011	EQ3900G RIO 1 RLY, 1 AIM	2400 SERIES	\$ 12,100	Yes	SYS
000392-0101	EQ3900G RIO 1 EDIO, 1 AIM	2400 SERIES	\$ 12,100	Yes	SYS
000392-0110	EQ3900G RIO 1 EDIO, 1 RLY	2400 SERIES	\$ 12,100	Yes	SYS
000392-1002	EQ3900G 1 EQP, 2 AIM	2400 SERIES	\$ 32,000	Yes	SYS
000392-1011	EQ3900G 1 EQP, 1 RLY, 1 AIM	2400 SERIES	\$ 32,000	Yes	SYS
000392-1020	EQ3900G 1EQP, 2 RELAY	2400 SERIES	\$ 32,000	Yes	SYS
000392-1101	EQ3900G 1 EQP, 1 EDIO, 1 AIM	2400 SERIES	\$ 32,000	Yes	SYS
000392-1110	EQ3900G 1 EQP 1 EDIO 1 RELAY	2400 SERIES	\$ 32,000	Yes	SYS
000392-1200	EQ3900G 1 EQP, 2 EDIO	2400 SERIES	\$ 32,000	Yes	SYS
000393-0103	EQ3900G,RIO,1 EDIO,3 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0112	EQ3900G,RIO,1 EDIO,1 RM,2 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0121	EQ3900G,RIO,1 EDIO,2 RM,1 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0130	EQ3900G,RIO,1 EDIO,3 RM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0202	EQ3900G,RIO,2 EDIO,2 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0211	EQ3900G,RIO,2 EDIO,1 RM,1 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0220	EQ3900G,RIO,2 EDIO,2 RM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0301	EQ3900G,RIO,3 EDIO,1 AIM	3600 SERIES	\$ 24,000	Yes	SYS
000393-0310	EQ3900G RIO 3 EDIO 1 RELAY	3600 SERIES	\$ 24,000	Yes	SYS
000393-0400	EQ3900G,RIO,4 EDIO	3600 SERIES	\$ 24,000	Yes	SYS
000393-1103	EQ3900G,1 EQP,1 EDIO,3 AIM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1112	EQ3900G,1EQP,1 EDIO,1 RM,2 AIM	3600 SERIES	\$ 43,100	Yes	SYS

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000393-1121	EQ3900G,1EQP,1 EDIO,2 RM,1 AIM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1130	EQ3900G,1 EQP,1 EDIO,3 RM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1202	EQ3900G,1 EQP,2 EDIO,2 AIM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1211	EQ3900G,1EQP,2 EDIO,1 RM,1 AIM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1220	EQ3900G,1 EQP,2 EDIO,2 RM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1301	EQ3900G,1 EQP,3 EDIO,1 AIM	3600 SERIES	\$ 43,100	Yes	SYS
000393-1310	EQ3900G 1 EQP 3 EDIO 1 RELAY	3600 SERIES	\$ 40,700	Yes	SYS
000393-1400	EQ3900G,1 EQP,4 EDIO	3600 SERIES	\$ 43,100	Yes	SYS
000393-2103	EQ3900G,2 EQP,1 EDIO,3 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2112	EQ3900G,2EQP,1 EDIO,1 RM,2 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2121	EQ3900G,2EQP,1 EDIO,2 RM,1 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2130	EQ3900G,2 EQP,1 EDIO,3 RM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2202	EQ3900G,2 EQP,2 EDIO,2 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2211	EQ3900G,2EQP,2 EDIO,1 RM,1 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2220	EQ3900G,2 EQP,2 EDIO,2 RM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2301	EQ3900G,2 EQP,3 EDIO,1 AIM	3600 SERIES	\$ 60,600	Yes	SYS
000393-2310	EQ3900G 2 EQP 3 EDIO 1 RELAY	3600 SERIES	\$ 57,100	Yes	SYS
000393-2400	EQ3900G,2 EQP,4 EDIO	3600 SERIES	\$ 60,600	Yes	SYS
000394-0204	EQ3900G,RIO,2 EDIO,4 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0213	EQ3900G,RIO,2 EDIO,1 RM,3 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0222	EQ3900G,RIO,2 EDIO,2 RM,2 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0240	EQ3900G,RIO,2 EDIO,4 RM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0303	EQ3900G,RIO,3 EDIO,3 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0312	EQ3900G,RIO,3 EDIO,1 RM,2 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0321	EQ3900G,RIO,3 EDIO,2 RM,1 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0330	EQ3900G,RIO,3 EDIO,3 RM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0402	EQ3900G,RIO,4 EDIO,2 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0411	EQ3900G,RIO,4 EDIO,1 RM,1 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0420	EQ3900G,RIO,4 EDIO,2 RM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0501	EQ3900G,RIO,5 EDIO,1 AIM	4800 SERIES	\$ 35,600	Yes	SYS
000394-0510	EQ3900G 5 EDIO 1 RELAY	4800 SERIES RIO	\$ 35,600	Yes	SYS
000394-0600	EQ3900G,RIO,6 EDIO	4800 SERIES RIO	\$ 35,600	Yes	SYS
000394-1240	EQ3900G,1 EQP, 2 EDIO, 4 RLY	4800 SERIES	\$ 54,500	Yes	SYS
000394-1303	EQ3900G,1EQP,3 EDIO,3 AIM	4800 SERIES	\$ 54,500	Yes	SYS
000394-1312	EQ3900G,1EQP,3 EDIO,1 RM,2 AIM	4800 SERIES	\$ 54,500	Yes	
000394-1321	EQ3900G 1EQP,3 EDIO,2 RLY1AIM	4800 SERIES	\$ 54,500	Yes	SYS
000394-1330	EQ3900G 1 EQP, 3 EDIO. 3 RLY	4800 SERIES	\$ 54,500	Yes	SYS
000394-1402	EQ3900G 1 EQP, 4 EDIO, 2 AIM	4800 SERIES	\$ 54,500	Yes	SYS
000394-1411	EQ3900G 1EQP 4EDIO 1RLY 1AIM	4800 SERIES	\$ 54,500	Yes	SYS
000394-1420	EQ3900G 1 EQP, 4 EDIO, 2 RLY	4800 SERIES	\$ 54,500	Yes	SYS
000394-1501	EQ3900G 1 EQP, 5 EDIO, 1 AIM	4800 SERIES	\$ 54,500	Yes	SYS
000394-1510	EQ3900G 1 EQP 5 EDIO 1 RELAY	4800 SERIES	\$ 54,500	Yes	SYS
000394-1600	EQ3900G 1 EQP, 6 EDIO	4800 SERIES	\$ 54,500	Yes	SYS
000394-2204	EQ3900G,2 EQP,2 EDIO,4 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2213	EQ3900G,2EQP,2 EDIO,1 RM,3 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2222	EQ3900G,2EQP,2 EDIO,2 RM,2 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2231	EQ3900G,2EQP,2 EDIO,3 RM,1 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2240	EQ3900G,2 EQP,2 EDIO,4 RM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2303	EQ3900G,2 EQP,3 EDIO,3 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2312	EQ3900G,2EQP,3 EDIO,1 RM,2 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2321	EQ3900G,2EQP,3 EDIO,2 RM,1 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2330	EQ3900G,2 EQP,3 EDIO,3 RM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2402	EQ3900G,2 EQP,4 EDIO,2 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2411	EQ3900G,2EQP,4 EDIO,1 RM,1 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2420	EQ3900G,2 EQP,4 EDIO,2 RM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2501	EQ3900G,2 EQP,5 EDIO,1 AIM	4800 SERIES	\$ 72,800	Yes	SYS
000394-2510	EQ3900G 2 EQP 5 EDIO 1 RELAY	4800 SERIES	\$ 72,800	Yes	SYS
000394-2600	EQ3900G 2 EQP 6 EDIO	4800 SERIES	\$ 72,800	Yes	SYS
000499-063	RS-485 DUAL FBR CONVERTER	DIN RAIL MOUNT	\$ 2,200	Yes	SYS
000499-064	ETHERNET SWTCH,8 PORT,10/100,	UL 864,DIN RAIL/PANEL MOUNT	\$ 1,500	Yes	SYS
000499-065	ETHERNET SWTCH,4 PORT,2 MM FO,	10/100,UL864,DIN RAIL/PANEL MT	\$ 2,400	Yes	SYS
000499-078	MANAGED 8 PORT SWITCH, -40+70C	PHOENIX CONTACT	\$ 1,700	Yes	SYS

2025 Numeric Price List

Detector Electronics LLC Company Restricted – Do Not Forward

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000499-080	CONVERTER,MEDIA ETHER TO FIBER	SC FIBER 10/100 RJ45 PHOENIX	\$ 1,100	Yes	SYS
000499-127	RS-232 TO SINGLE FIBER CONVERT	DIN RAIL MOUNT,SM OR MM FIBER	\$ 1,200	Yes	SYS
000499-128	RS-232 TO DUAL FIBER CONVERTER	DIN RAIL MOUNT, MM FIBER ONLY	\$ 2,200	Yes	SYS
000499-132	VIDEO BALUN,ACTIVE,FEMALE BNC	TWO TERMINALS, USED W X WATCH	\$ 630	Yes	FLM
000499-150	ETHERNET SWITCH,5PT,24VDC,DIN		\$ 340	Yes	SYS
000499-158	RS232/RS485 TO ENET CONVERTER	DIN RAIL MOUNT	\$ 1,300	Yes	SYS
000499-169	ETHERNET SWITCH(6),FO(2)MM,ST	EXTENDED TEMP	\$ 1,900	Yes	SYS
000499-177	RS485 TO FIBER CONVERTER, 2 WI	SM OR MM, SC CONNECTORS,DIN	\$ 5,300	Yes	SYS
000499-180	ENET SWITCH,MANAGED,FIBERX2,	SINGLE MODE,SC CONN,RJ45X6	\$ 4,000	Yes	SYS
000499-195	ETHERNET FIBER OPTIC CONVERTER	CISCO COMPATIBLE PN 000499-190	\$ 180	Yes	SYS
000499-200	CONVERTER, ETHERNET TO FO	SINGLE MODE, SC, MOXA	\$ 990	Yes	SYS
000499-202	ETHERNET SWITCH 6 PORT	4 FE COPPER PORTS AND 2 GE SFP	\$ 2,200	Yes	
000499-210	HUB USB TYPE A 7 PORT POWER		\$ 75	Yes	
000502-040	HMI PANEL 4.3"	TOUCHSCREEN	\$ 2,400	Yes	SYS
000504-007	PRNTR,24PIN,120VAC,USE WITH PN	000511-083	\$ 1,300	Yes	SYS
000504-013	SERIAL INERFACE,OKIDATA PNTR	CHECK SERIAL# FOR CAPABILITY	\$ 230	Yes	SYS
000505-001	J-BOX W/TERMS,FOR THERMALS		\$ 460	Yes	SYS
000505-005	ASSY,10K EOL / POLARIZE DIODE		\$ 71	Yes	SYS
000505-008	EOL/POLARIZING ASSY W/TERMS	10K	\$ 99	Yes	SYS
000505-019	EOL,5.1K OHM, FLYING LEADS		\$ 30	Yes	SYS
000505-028	J-BOX W/TERMS,FOR THERMALS	NEMA 3R, UL, ULC	\$ 50	Yes	SYS
000505-046	MEDIUM BATTERY BOX 24X24X8	W/SHELF (4X 75AH OR 2X 140AH)	\$ 2,400	Yes	SYS
000505-047	LARGE BATT BOX, 30X30X8 NEMA 1	W/SHELF (4 140AH BATTERY MAX)	\$ 2,400	Yes	SYS
000505-048	SMALL BATT BOX 12X24X8,NEMA 1	(2 75AH BATTERIES MAX)	\$ 1,600	Yes	SYS
000505-051	ENCLOSURE, NEMA 7, 3/4NPT	FOR EQP 8CH MODULES	\$ 3,200	Yes	SYS
000505-053	RM ENCL 12X12X6,NEMA 4X W/PAN		\$ 5,800	Yes	SYS
000505-058	EDIO ENCL12X12X6,NEMA 4X,SS		\$ 6,800	Yes	SYS
000505-061	EDIO ENCL12X12X6,NEMA 4,RED		\$ 4,500	Yes	SYS
000505-062	RLY MOD ENCL12X12X6,NEMA 4,RED		\$ 5,300	Yes	SYS
000505-063	AIM ENCL12X12X6,NEMA 4,RED		\$ 6,000	Yes	SYS
000505-075	EDIO SIL ENCL2X12X6,NEMA 4,RED		\$ 5,400	Yes	SYS
000505-119	10K/3.3K RESISTORS W/TERMINALS	W/ DIAGRAM	\$ 77	Yes	SYS
000505-121	10K EOL W TERMINALS ASSY		\$ 60	Yes	SYS
000506-011	EQ24EM NE W/ MOUNTING PLATE	USE WITH P/N 000003-035	\$ 2,300	Yes	SYS
000506-022	SRM-101 W/3/4IN J-BOX		\$ 2,200	Yes	SYS
000506-034	REMOTE STROBE ENCLOSURE	GENERAL ASSEMBLY	\$ 790	Yes	SYS
000506-040	EQP REMOTE DISPLAY II	WITH NEMA 4X ENCLOSURE	\$ 3,200	Yes	SYS
000506-041	KIT EQP REMOTE DISPLAY II	DISPLAY,CABLE,SOFTWARE	\$ 2,500	Yes	SYS
000506-051	SENSOR DUCT MNT KIT,MODEL700		\$ 720	Yes	
000507-079	UPS MODULE,24VDC,20A,5A RECHRG	DIN,GEN 2	\$ 770	Yes	SYS
000507-080	POWER SUPPLY,24VDC,20A,QUINT	100-240VAC,45-65HZ,DIN,GEN 2	\$ 890	Yes	SYS
000507-081	PS REDUNDANCY MOD,1X40A,2X20A	QUINT GEN 2, DIN MT	\$ 300	Yes	SYS
000507-083	POWER SUPPLY,24VDC,40A,QUINT	100-240VAC,45-65HZ,DIN,GEN 2	\$ 1,500	Yes	SYS
000507-086	POWER SUPPLY,24VDC,10A,QUINT 2	85-264VAC,45-65HZ,90-350DC,DIN	\$ 830	Yes	SYS
000507-088	DC-DC CONVERTER,24IN-24VOUT,1A	DIN MOUNT,PHOENIX	\$ 550	Yes	SYS
000507-112	EMERGENCY POWER SYSTEM	600 WATTS, 120/277VAC	\$ 8,000	Yes	
000507-113	POWER SUPPLY,24VDC,40A,GEN4	1 120-240 AC IN	\$ 1,200	Yes	
000507-114	REDUNDANCY MOD,24DC,1X40AMP,G4	1 120-240 AC IN	\$ 250	Yes	
000507-119	POWER SUPPLY 24VDC,2.5A,QUINT4	.	\$ 440	Yes	
000508-014	BATTERY RACK, 4TIERX29"WX20"D	HOLDS UP TO 16 100AH OR 110AH	\$ 8,400	Yes	
000508-024	WALL/FLOOR MOUNT BRACKET FOR	LAMARCHE A36 POWER SUPPLY	\$ 740	Yes	SYS
000508-031	BATTERY, 12V, 28 AMP HOUR	POWER-SONIC	\$ 250	Yes	SYS
000508-032	BATTERY, 12V, 40 AMP HOUR	POWER-SONIC	\$ 340	Yes	SYS
000508-033	BATTERY, 12V, 55 AMP HOUR	POWER-SONIC 9"X5.5"X9"TALL	\$ 460	Yes	SYS
000508-034	BATTERY, 12V, 75 AMP HOUR	POWER-SONIC 10.3X6.6X9"TALL	\$ 530	Yes	SYS
000508-035	BATTERY, 12V, 100 AMP HOUR	POWER-SONIC 12"X6.8"X9"TALL	\$ 700	Yes	SYS
000508-054	BATTERY, 12V, 110 AMP HOUR	POWERSONIC 13.0"X6.76"X8.70"	\$ 910	Yes	SYS
000508-055	POWER SONIC 140AH BATTERY	PS-121400 13.6"X6.82"X11.31"	\$ 1,100	Yes	SYS
000508-060	BATTERY RACK, 2TIERX29"WX20"D	HOLDS UP TO 8 100AH OR 110AH	\$ 4,600	Yes	SYS
000508-077	BATTERY RACK,3 TIER,600AH MAX		\$ 6,400	Yes	SYS
000508-081	BATTERY, 12V, 35 AMP HOUR	POWER-SONIC PS-12350NB	\$ 330	Yes	SYS
000508-085	BATTERY TIE DOWN STRAP-KIT	KIT-30 FOOT STRAP & 6 BUCKLES	\$ 110	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000508-087	BATTERY RACK,1 TIER,4 100AH	29"W X 20.25"D X 15.5"H	\$ 2,000	Yes	SYS
000508-098	BATTERY,12V 7 AMP HOUR	POWER-SONIC 5.95LX2.56WX3.86H	\$ 60	Yes	SYS
000508-104	CHARG/PS 50A 220/240VAC 50HZ	23" RACK MOUNT	\$ 10,400	Yes	SYS
000508-105	BATTERY,12V,1.4AH,POWER SONIC	AGM,DOT FAA SAFE	\$ 44	Yes	SYS
000508-106	BATTERY,165AH,FRONT TERMS	11HX5WX22D,NETWORK DEFENDER	\$ 1,100	Yes	SYS
000508-109	BATTERY BOX,WALL MT,16HX20WX18	SLIDE OUT SHELF	\$ 2,400	Yes	SYS
000508-112	Cover, Battery Plexiglass	FOR 19" HAMMOND RACKS	\$ 910	Yes	SYS
000508-113	BATTERY TRAY, 19" RACK MT,28"D	12 GUAGE STEEL, ANSI 61 GRAY	\$ 420	Yes	
000508-136	BATTERY,12V,14AH,SLA	5.95"X3.86"X3.94",9.25LBS	\$ 99	Yes	SYS
000508-137	BATTERY,NiCd,110AMP HOURS	NEED 20 IN SERIES FOR 24V	\$ 400	Yes	SYS
000508-138	BATTERY,NiCd,154AMP HOURS	NEED 20 IN SERIES FOR 24V	\$ 500	Yes	SYS
000508-139	BATTERY RACK,3 TIER	2 COLUMN,2 ROW,600LX500W	\$ 2,200	Yes	SYS
000508-140	DRIP TRAY FOR BATTERY RACK	600WX650L, SS	\$ 550	Yes	SYS
000508-141	SHELF, VENTED	19" RACK, STEEL	\$ 220	Yes	SYS
000508-143	BATTERY, 12V, 92AH, VRLA, UL	15.6LX4.1WX10.4H, FRONT TERM	\$ 830	Yes	SYS
000508-144	BATTERY, 12V, 100AH, VRLA, UL	15.6LX4.3WX11.3H, FRONT TERM	\$ 890	Yes	SYS
000508-145	BATTERY, 12V, 101AH, VRLA, UL	20.1LX4.3WX9.3H, FRONT TERM	\$ 860	Yes	SYS
000508-146	BATTERY, 12V, 125AH, VRLA, UL	22.1LX4.1WX12.4H, FRONT TERM	\$ 1,000	Yes	SYS
000508-147	BATTERY, 12V, 155AH, VRLA, UL	22.1LX4.9WX11.H, FRONT TERM	\$ 1,100	Yes	SYS
000508-148	BATTERY, 12V, 170AH, VRLA, UL	22.1LX4.9WX11.H, FRONT TERM	\$ 1,100	Yes	SYS
000508-149	BATTERY, 12V, 190AH, VRLA, UL	22.1LX4.9WX12.4H, FRONT TERM	\$ 1,300	Yes	SYS
000508-150	BATTERY 24VDC LI-ION 924wH	10 YEAR W10.3 X D9.75 X H8.75	\$ 13,800	Yes	SYS
000508-151	ENCLOSED PANEL KIT 29", 1 TIER	BATTERY RACK, USE W/000508-087	\$ 2,900	Yes	
000508-152	ENCLOSED PANEL KIT 29", 2 TIER	BATTERY RACK, USE W/000508-060	\$ 4,300	Yes	
000508-156	BATTERY RACK 2 TIER ENCLOSED		\$ 8,900	Yes	
000508-158	BATTERY RACK 1 TIER ENCLOSED		\$ 4,000	Yes	
000511-029	CONVERTER, RS485 TO RS232	DB9 PORT POWERED W/ TERMINALS	\$ 380	Yes	SYS
000511-032	4 PORT SERIAL CARD,232,PCI	WITH CABLE,DB9M CONNECTORS	\$ 1,100	Yes	SYS
000511-037	CONVERTER,RS232/485,PHOENIX	24VDC DB9-232/3OR4 WIRE 485	\$ 1,300	Yes	SYS
000511-040	ADAPTER CABLE,USB2.0 TO SERIAL	DB9M	\$ 74	Yes	SYS
000511-049	DIN RAIL MOUNTING KIT,35MM	USE W/ 000511-050	\$ 18	Yes	SYS
000511-050	RS-232/485 TO SINGLE-MODE ST	FIBER OPTIC CONVERTER	\$ 1,600	Yes	SYS
000511-053	RS232 REPEATER,OPTIC ISOLATED,	DIN MT,10-30 VDC	\$ 540	Yes	SYS
000511-062	RS485/FIBER OPTIC CONVERTER	2 WIRE BUS SYSTEM 24VDC	\$ 2,000	Yes	SYS
000511-065	KEYBOARD,PC,MINI,USB,TOUCH PAD	.	\$ 150	Yes	SYS
000511-068	4 PORT PCIE SERIAL CARD,ROCKET	WITH CABLES,DB9,232 / 485	\$ 870	Yes	SYS
000511-075	PANEL PC,19",4X/IP66,TOUCH *AC		\$ 10,900	Yes	SYS
000511-076	PAN PC,21.5",4X/IP66,TOUCH SCR		\$ 11,400	Yes	SYS
000511-088	MONITOR, DELL 24-INCH WIDESCRN	1920 x 1080 RESOLUTION	\$ 590	Yes	
000511-089	LAPTOP,DELL LATITUDE 15-INCH	WIN10 64-BIT, 8GB RAM, 500 GB	\$ 2,800	Yes	SYS
000511-107	MONITOR, 55" DELL P5524Q	4K,HDMI,DP,VGA,SPKR	\$ 3,800	Yes	SYS
000511-121	PANEL PC, 17", TOUCHSCREEN,8GB	WIN10 2019 LTSC, 240GB SSD,AC	\$ 8,700	Yes	
000511-126	PANEL PC, 19", TOUCHSCREEN	8GB RAM, WIN10 2019 LTSC, 256G	\$ 7,100	Yes	
000511-127	PANEL PC, 18.5", 1920x1080	WIN10 2019 LTSC, 240GB,AC	\$ 12,700	Yes	
000511-136	PC, PNL MOUNT 21IN, WIN10 LTSC	16GB RAM, (2) 480 GB SSD, 485	\$ 8,400	Yes	SYS
000512-079	SOFWARE,WINGP(PC RUNTIME)	PRO-FACE PC RUNTIME HMI	\$ 4,100	Yes	SYS
000515-011	ADDRESSABLE INPUT DEVICE N.O.	PEGASYS	\$ 190	Yes	SYS
000515-012	MANUAL PULL,GEN PURPOSE,DPST	SERIES 3300	\$ 190	Yes	SYS
000515-013	SGB-32C BACKBOX FOR OUTDOOR-WP	USE WITH 000515-012	\$ 290	Yes	SYS
000515-014	B-11 BACKBOX,INDOOR		\$ 48	Yes	SYS
000515-015	B-11 BREAK RODS, PKG OF 12		\$ 25	Yes	SYS
000515-016	B-11 SPARE KEY		\$ 25	Yes	SYS
000515-021	BATTERY ENCLOSURE	FOR PEGASYS PANEL SYSTEM	\$ 1,200	Yes	SYS
000515-055	FIRE PANEL BATTERY, 12VDC 12AH		\$ 200	Yes	SYS
000515-092	TELESCOPIC POLE,1.26M TO 4.5M,	4.1' TO 14.8',FIBREGLASS	\$ 1,400	Yes	SYS
000515-095	SMOKE DISPENSER HEAD		\$ 590	Yes	SYS
000515-097	SOLO HEAT DETECTOR TEST KIT		\$ 2,600	Yes	SYS
000515-139	IS OPTICAL SMOKE DETECTOR	MR601TEX	\$ 400	Yes	SYS
000515-230	NAC POWER EXTENDER	120V, 6.5A, RED ENCLOSURE	\$ 680	Yes	
000515-501	APOLLO IONIZATION SMOKE, EU	BUY FROM ONLY APOLLO AMERICA	\$ 130	Yes	SYS
000515-502	APOLLO OPTICAL SMOKE, EU	PN 58000-600	\$ 130	Yes	SYS
000515-503	APOLLO HEAT DETECTOR, EU	PN 58000-400APO	\$ 130	Yes	SYS

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000515-504	APOLLO MULTISENSOR, EU	PN 58000-700	\$ 170	Yes	SYS
000515-505	APOLLO CO DETECTOR, EU	PN 58000-300	\$ 250	Yes	SYS
000515-506	APOLLO INTELLIGENT MNT BASE,EU	PN 45681-210	\$ 11	Yes	SYS
000515-507	APOLLO ISOLATING BASE,ADDRESS	PN 45681-284APO	\$ 73	Yes	SYS
000515-508	APOLLO INTELLIGENT ISOLATOR	PN 55000-720	\$ 73	Yes	SYS
000515-509	APOLLO I/O UNIT W/ ISOLATOR	XP95 DISCOVERY	\$ 340	Yes	SYS
000515-510	APOLLO SOUNDER CONTROL UNIT	PN 55000-852	\$ 480	Yes	SYS
000515-511	APOLLO SWITCH MONITOR PLUS	PN 55000-841	\$ 370	Yes	SYS
000515-512	APOLLO MANUAL CALL W/ISOLATOR	PN 58100-908	\$ 150	Yes	SYS
000515-513	APOLLO MANUAL CALL,W/ISO,IP66	PN 58100-951	\$ 460	Yes	SYS
000515-514	APOLLO HINGED COVER FOR	WATERPROOF ADDRESSABLE MCP	\$ 26	Yes	SYS
000515-515	APOLLO SOUNDER, 100DB, RED	PN 55000-278	\$ 310	Yes	SYS
000515-516	APOLLO SOUNDER,100DB,RED,IP66	PN 55000-274	\$ 550	Yes	SYS
000515-517	APOLLO BEACON,RED	PN 55000-877	\$ 150	Yes	SYS
000515-518	APOLLO SOUNDER/BEACON, W/ISO	PN 55000-293	\$ 400	Yes	SYS
000515-519	APOLLO INTELLIGENT ISOLATOR BA	PN 45681-211	\$ 11	Yes	SYS
000515-520	APOLLO SOUNDER/BEACON,W/ISO,WP	PN 55000-298	\$ 540	Yes	SYS
000515-521	ADDRESS CARD,XPRT,BUTTONS	.	\$ 4	Yes	SYS
000515-551	APOLLO IONIZATION SMOKE, NA	PN 58000-550	\$ 170	Yes	SYS
000515-552	APOLLO OPTICAL SMOKE, NA	DISCOVERY COMPATIBLE	\$ 170	Yes	SYS
000515-553	APOLLO HEAT DET SOTERIA		\$ 170	Yes	SYS
000515-554	APOLLO MULTISENSOR, NA	PN 55800-750	\$ 210	Yes	SYS
000515-555	SMOKE BASE4",ADDRESABLE,APOLLO		\$ 21	Yes	SYS
000515-556	APOLLO MOUNTING BASE 6",NA	PN SA5000-230APO	\$ 33	Yes	SYS
000515-557	APOLLO ISOLATOR, NA	PN 55000-750	\$ 110	Yes	SYS
000515-558	APOLLO ISOLATOR BASE, NA	PN 45681-211APO	\$ 21	Yes	SYS
000515-560	APOLLO SOUNDER CONTROL MOD NAC	.	\$ 170	Yes	SYS
000515-561	APOLLO I/O SW MON SOTERIA	APOLLO	\$ 210	Yes	SYS
000515-562	APOLLO MINI MONITOR MOD, NA	PN 55000-765	\$ 240	Yes	SYS
000515-563	APOLLO INTELLIGENT DEEP BASE	PN 45681-209	\$ 26	Yes	SYS
000515-598	HEAT DETECTOR TEST KIT,FENWAL	DAF 225-360F	\$ 7,900	Yes	SYS
000515-599	HEAT DETECTOR TEST KIT,FENWAL	DAF 450-725F	\$ 12,900	Yes	SYS
000515-600	LARGE CARRY BAG FOR HEAT DET.	TEST KIT,FENWAL	\$ 300	Yes	SYS
000515-605	PULL STATION,ADDRESSABLE,DUAL		\$ 110	Yes	SYS
000515-606	BACK BOX,SURFACE MT	USE WITH 000515-605	\$ 30	Yes	SYS
000515-610	DISCOVERY MARINE OPTICAL SMOKE	DETECTOR,24VDC,TEMP 23C,50%HUM	\$ 140	Yes	SYS
000515-611	DISCOVERY MARINE HEAT DETECTOR	24V,TEMP.23C,50% HUMIDITY	\$ 130	Yes	SYS
000515-620	APOLLO RELAY OUTPUT SOTERIA		\$ 140	Yes	SYS
000515-622	SMOKE DETECTOR TESTER,AEROSOL	4.8 OZ. 12 CANS/CASE,NON-FLAM	\$ 570	Yes	SYS
000515-645	SMOKE DET APO DISCOVERY	OPTICAL P/N 58000-600SIL	\$ 150	Yes	
000515-710	COMMUNICATOR, DUAL PATH	UNIVERSAL CONETTIX	\$ 550	Yes	SYS
000515-728	SmartOne® AI MONITOR MODULE	INPUT DEVICE, N.O. OR N.C.	\$ 180	Yes	
000515-745	AEROSOL DISPENSER	FOR SMOKE DET. UPTO 133MM DIA.	\$ 950	Yes	
000515-746	MARINE XP95 LOOP ISOLATOR 2 CH	INDEPENDENT CHANNELS, DIN MT	\$ 160	Yes	SYS
000515-747	LHD NEOPRENE SLEEVE	ACA-RS-100, BAG OF 100	\$ 470	Yes	
000515-748	LHD CABLE COLLECTOR	B6782-032	\$ 4,700	Yes	
000515-749	LHD EEXP FLP TANK-TOP JCTN BOX		\$ 960	Yes	
000516-011	AMMONIA CAL KIT 50PPM SEC		\$ 3,200	Yes	SYS
000516-012	AMMONIA REPLACEMENT SENSOR SEC		\$ 760	Yes	SYS
000516-018	TEST GAS CYLN.,70% METHANE	IN NITROGEN	\$ 360	Yes	SYS
000516-019	TEST GAS CYLN.,70PPM H2S		\$ 430	Yes	SYS
000516-039	GAS DET,CO,4-20MA,0-100PPM	3/4NPT,SEC 3000,316SS	\$ 2,100	Yes	SYS
000516-118	GAS TRANSMITTER,SEC3100,W/RELA	AL,CL1DIV1BCD,LCD,LED'S	\$ 1,800	Yes	
000516-255	LASER OPGD, H2S, SS316, SIL2	200PPM,75M,ATEX,HART,SOURCE	\$ 110,000	Yes	
000516-256	GAS SENSOR, AMMONIA	0-100PPM	\$ 620	Yes	GAS
000516-259	DETCO ELECTRO CHEMICAL ITM	FOR DM-700-EC, TELEDYNE	\$ 2,200	Yes	
000516-261	DETCO MAGNETIC PROGRAMMING	TOOL, TELEDYNE	\$ 44	Yes	
000516-263	CALIBRATION GAS,2PPM CHLORINE	58L, TELEDYNE	\$ 1,200	Yes	
000516-264	CALIBRATION GAS,TELEDYNE	HYDROGEN CYANIDE	\$ 1,500	Yes	
000516-503	SEC 3000 HCL,EC,4-20mA, 316SS	CL1 DIV1, 0-10ppm	\$ 1,300	Yes	
000516-510	SEC, GAS DETECTOR, HF, 0-20PPM	CSA C1 D1, EX D, 4-20MA, 316SS	\$ 1,600	Yes	SYS
000520-051	EQ3770AABA, EIO,CL1DIV1/EXD	FM/CSA, NO WNDW,4 3/4",4 1-1/2	\$ 16,000	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000525-003	EQ3900RPSG30NN 18A PWR SUPPLY	SS ENCL.24X20X12 NEMA 4X,FMCSA	\$ 18,700	Yes	SYS
000525-004	EQ3900RPSG30NN 18A PWR SUPPLY	24X20X12 MILD STEEL GRAY,FMCSA	\$ 14,400	Yes	SYS
000540-004	DISPLAY,15",1024X768,24VDC	SOUND,VIDEO,232,485,E-NET,USB	\$ 7,400	Yes	SYS
000540-005	DISPLAY,15",1024X768,100-240AC	SOUND,VIDEO,232,485,E-NET	\$ 11,300	Yes	SYS
000540-015	HMI BACK BOX,232,485,ETHERNET	FOR USE WITH MODULAR DISPLAY	\$ 2,800	Yes	SYS
000540-016	WIDESCREEN HMI DISPLAY,7",24V	MODULAR DISPLAY ONLY,TOUCHSCRN	\$ 3,400	Yes	SYS
000540-017	WIDESCREEN HMI DISPLAY,12",24V	MODULAR DISPLAY ONLY,TOUCHSCRN	\$ 7,800	Yes	SYS
000540-018	WIDESCREEN HMI DISPLAY,15",24V	MODULAR DISPLAY ONLY,TOUCHSCRN	\$ 10,800	Yes	SYS
000550-021	BATTERY CABINET ASSEMBLY EXD	STD PANTEX ASSEMBLY	\$ 24,600	Yes	SYS
000550-031	FIRE/DELUGE SYSTEM -PANTEX	STANDARD ASSEMBLY	\$ 16,700	Yes	SYS
000601-012	GTS SENSOR SIMULATOR	DEMO ONLY; NO CERTIFICATIONS	\$ 800	Yes	SYS
000604-013	EQ2110PS 10A 120VAC 60HZ		\$ 6,200	Yes	SYS
000604-014	EQ2130PS 30A 120/208/220 60HZ		\$ 8,900	Yes	SYS
000604-015	EQ2175PS 75A 120/208/220 60HZ		\$ 10,500	Yes	SYS
000604-034	EQ2111PS 10A 220/240VAC 50HZ		\$ 7,200	Yes	SYS
000604-035	EQ2131PS 30A 220/240VAC 50HZ		\$ 9,900	Yes	SYS
000604-036	EQ2176PS 75A 220/240VAC 50HZ		\$ 11,500	Yes	SYS
000607-009	VIDEO XPRESS RCA-USB		\$ 240	Yes	SYS
000609-001	2 INCH PIPE MOUNT BRACKET, AL	FOR J-BOX OR ECLIPSE	\$ 330	Yes	SYS
000609-007	2IN PIPE,MNT,316SS,JBOX/ECLIPS	(SEE NEWER VERSION 609-017)	\$ 560	Yes	SYS
000609-025	2" PIPE MNT KIT,SS,W/HARDWARE,	FOR ECLIPSE OR X SERIES	\$ 470	Yes	SYS
000609-026	4" PIPE MNT KIT,SS,W/HARDWARE,	FOR ECLIPSE OR X SERIES	\$ 310	Yes	SYS
000609-027	2" PIPE MNT KIT,SS,W/HARDWARE,	FOR MEDC PB,BG,DB3,XB11&5,SM87	\$ 240	Yes	SYS
000609-028	4" PIPE MNT KIT,SS,W/HARDWARE,	FOR MEDC PB,BG,DB3,XB11&5,SM87	\$ 240	Yes	SYS
000609-029	2" PIPE MNT KIT,MEDC XB12,XB4,	PH1,LD15,SS,W/HARDWARE	\$ 240	Yes	SYS
000609-031	2"PIPE MNT KIT,DB1,BG3,HD1	FOR MEDC,SS,W/HARDWARE	\$ 240	Yes	SYS
000609-032	4" PIPE MNT KIT,SS,W/HARDWARE,	FOR MEDC DB1, BG3, HD1	\$ 240	Yes	SYS
000609-033	2" PIPE MT U BOLT KIT, SS	FOR UD10/20 & J BOX, INCL HDW	\$ 130	Yes	SYS
000609-034	4" PIPE MT U BOLT KIT, SS	FOR UD10/20 & J BOX, INCL HDW	\$ 150	Yes	SYS
000609-035	2" PIPE MT U BOLT KIT	FOR X SERIES FLAME DETECTORS	\$ 130	Yes	SYS
000609-036	2" PIPE MNT KIT,SS, 14GA PLATE	FOR UD10,UD20,J-BOX	\$ 280	Yes	SYS
000609-037	4IN PIPE MNT KIT,SS,14GA PLATE	FOR UD10,UD20,J-BOX	\$ 310	Yes	SYS
000609-059	6" PIPE MNT KIT, SS316, W/ HW	FOR LS2000, W/ 6" U BOLT	\$ 120	Yes	
000609-074	4" PIPE MT U BLT KIT, SS316	FOR GD1 OPGD OR COMB. UNIT	\$ 42	Yes	
000609-075	4" PIPE MNT KIT, SS316, W/ HW	FOR UD30 DISPLAY	\$ 55	Yes	
000609-076	GRP SUNSHADE W/ 4"U BOLT	350X350X130, 3MM RAL7032	\$ 110	Yes	
000609-077	2" PIPE MNT KIT, SS316, W/ HW	FOR MEDC SM87PB	\$ 54	Yes	
000609-078	4" PIPE MNT KIT, SS316, W/ HW	FOR E2S GNEXCP7PT MCP	\$ 72	Yes	
000609-079	4" PIPE MNT KIT, SS316, W/ HW	FOR E2S D1XB2X05 BEACON	\$ 81	Yes	
000609-080	M5 SURFACE MNT KIT, SS316	W/ HW,FOR GNEXCP7PT, PAN HEAD	\$ 230	Yes	
000703-066	DEMO,PIRECLA11B1T2,NO HANDHELD		\$ 4,500	Yes	GAS
000703-072	DEMO, X3301A4N23W1		\$ 6,900	Yes	FLM
000703-212	DEMO, EQP SIL REDUNDANT		\$ 56,600	Yes	SYS
000703-227	DEMO, EQP ADDRESSABLE ASH MOD		\$ 11,100	Yes	SYS
000703-400	DEMO, UD10 HARD CASE		\$ 9,800	Yes	SYS
000703-401	DEMO, UD10 SOFT CASE		\$ 8,600	Yes	SYS
000703-410	DEMO, ATX10_AC100 LARGE CASE		\$ 27,200	Yes	SYS
000703-411	DEMO, ATX10_AC100 SMALL CASE		\$ 26,000	Yes	SYS
000703-420	DEMO, LS2000 RX		\$ 14,200	Yes	SYS
000703-421	DEMO, LS2000 TX		\$ 8,300	Yes	SYS
000703-422	DEMO, LS2000 STANDS		\$ 2,000	Yes	SYS
000703-423	DEMO, LS2000 RX, ATEX		\$ 15,100	Yes	
000703-424	DEMO, LS2000 TX, ATEX		\$ 8,800	Yes	
000802-037	ATEX APPROVED ENCL, NEMA 4X,	SS304, W/ EDIO (SIL 2) MODULE	\$ 9,700	Yes	SYS
000802-038	ATEX APPROVED ENCL, NEMA 4X,	SS316L, W/ EDIO (SIL 2) MODULE	\$ 11,800	Yes	SYS
000802-047	ATEX APPR ENCL, SS316L, 4X,	24X16X08, EDIO (SIL)	\$ 13,900	Yes	SYS
000802-052	CONTROL STATION W SIL EDIO MOD	WATER MIST,SS316L,BREATHER	\$ 14,100	Yes	SYS
000802-053	CONTROL STATION W/O IO MOD.	WATER MIST,SS316L,BREATHER	\$ 10,800	Yes	SYS
000802-056	CONTROL STATION W/SIL EDIO	W/O KEY, CO2, SS316L	\$ 12,300	Yes	SYS
000802-085	CONTROL STATION W/O IO MOD	W/O KEY, CO2, SS316L	\$ 7,200	Yes	SYS
000803-001	Q1020A1001 WALL MT ENCL		\$ 7,200	Yes	SYS
000811-105	Q811 DUCT MOUNT EMPTY 3/4INCH		\$ 1,500	Yes	SYS

2025 Numeric Price List

Detector Electronics LLC Company Restricted – Do Not Forward

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
000811-106	Q811 DUCT MOUNT EMPTY M20		\$ 1,500	Yes	SYS
000851-001	EQ3900G 10AMP PSM	20X20X8 ENCLOSURE RED	\$ 7,400	Yes	SYS
000851-002	EQ3900G 30AMP PSM	20X20X8 ENCLOSURE RED	\$ 7,600	Yes	SYS
000851-003	EQ3900G 75AMP PSM	20X20X8 ENCLOSURE RED	\$ 7,900	Yes	SYS
000852-011	ULTRA-FDRS 2400 EQP 24X20X8	6 FLAME 6 SOV 2 ZONES	\$ 29,900	Yes	SYS
000852-012	ULTRA-FDRS 3600 EQP 36X24X8	18 FLAME 18 SOV 6 ZONES	\$ 50,400	Yes	SYS
000852-013	ULTRA-FDRS 4800 EQP 48X24X10	30 FLAME 30 SOV 10 ZONES	\$ 67,800	Yes	SYS
000852-022	ULTRA-FDRS 3600 RIO 36X24X8	18 FLAME 18 SOV 6 ZONES	\$ 37,600	Yes	SYS
000852-023	ULTRA-FDRS 4800 RIO 48X24X10	30 FLAME 30 SOV 10 ZONES	\$ 55,200	Yes	SYS
001680-001	K1003A1006 6PK WINDOW CLEANER		\$ 110	Yes	FLM
001680-002	K1003A1001 WINDOW CLEANER (1)		\$ 26	Yes	FLM
001680-903	K1003A1006-R 6PK RUSSIAN	WINDOW CLEANER	\$ 140	Yes	FLM
001680-904	K1003A1006-R SINGLE BOTTLE,RUS	WINDOW CLEANER	\$ 26	Yes	FLM
001981-001	PLUG BANANA W/THD STUD 5-40		\$ 15	Yes	FLM
002099-003	Q9001B1175 SWIVEL - (AL C7050)		\$ 430	Yes	FLM
002152-001	FILTER,AIR SHIELD M=2153		\$ 80	Yes	FLM
002405-004	UV LAMP W8066G (SOURCE TUBE)		\$ 290	Yes	FLM
002469-001	DE2189-001 TERM BLK STD		\$ 290	Yes	FLM
002507-001	K1002A1001 WINDOW CLEANING KIT		\$ 320	Yes	FLM
002519-001	OI RING, SNAP-IN FOR UV DET		\$ 55	Yes	FLM
003525-001	OI RING IR	U SERIES AND C SERIES	\$ 77	Yes	FLM
003715-001	ASSY, TERM CONNECTOR, R7094		\$ 1,100	Yes	FLM
003996-001	K1004A1010 UV/IR WIN CLEAN KIT		\$ 500	Yes	FLM
004000-006	W867C3004 120/220 VAC		\$ 12,000	Yes	FLM
004000-903	W867C3001-R		\$ 12,000	Yes	FLM
004083-102	C7093E8010 HIGH SPEED	IR,NORTHROP GRUMMAN CORPORATIO	\$ 4,400	Yes	FLM
004083-202	C7093E9010 HIGH SPEED IR DET		\$ 4,400	Yes	FLM
004273-002	Q1113A1001 UNVSL AIR SHIELD		\$ 480	Yes	FLM
004289-001	FILTER,AIR SHIELD MACH	DIFFUSER FOR Q1113 AIR SHIELD	\$ 160	Yes	FLM
004404-002	Q9001H8001 SWIV SS NI/BR C7050		\$ 630	Yes	FLM
004440-002	GASKET, 3.50 OD X 3.00 ID		\$ 15	Yes	GAS
004440-003	GASKET, 1.00 OD X .47 ID		\$ 8	Yes	GAS
004483-002	W8066G1001 UV TEST LAMP		\$ 2,500	Yes	FLM
004515-004	COVER,BATTERY HSG (W8066)		\$ 19	Yes	FLM
004520-003	CAP, FRONT (W8066)		\$ 19	Yes	FLM
004522-003	GASKET,LENS BUNA-N (W8066)		\$ 16	Yes	FLM
004532-002	FILTER,HYDROPHOBIC		\$ 97	Yes	GAS
004574-001	STRAP,CARRYING TEST LAMP W867		\$ 180	Yes	FLM
004611-002	W867C BTRY PK KIT		\$ 1,300	Yes	FLM
004646-001	DE4646-001 ELEC/CHEM CELL	CSA, FM (C7064C3001 & C3012)	\$ 1,700	Yes	GAS
004648-001	WINDOW,FUSED SILICA (W8066)		\$ 160	Yes	FLM
004783-001	TUBE,SAMPLING 1FT, EXP SMOKE		\$ 200	Yes	FLM
004783-002	TUBE,SAMPLING 3FT, EXP SMOKE		\$ 230	Yes	FLM
004783-003	TUBE,SAMPLING 6FT, EXP SMOKE		\$ 270	Yes	FLM
004783-004	TUBE,SAMPLING 10FT, EXP SMOKE		\$ 340	Yes	FLM
004976-001	CALIBRATION CUP, SS, CGS		\$ 250	Yes	GAS
004996-001	CAL CUP-REMOTE, POREX FLTR	COMPRESSN FITTING, INDOOR USE	\$ 370	Yes	GAS
005003-001	JAR/GREASE (1-OZ) FOR DETECTOR		\$ 91	Yes	FLM
005434-002	DE5434-002 H2S EC 0-100PPM	REPLACEMENT CELL	\$ 1,400	Yes	GAS
005434-003	DE5434-003 H2S EC CELL 0-20PPM		\$ 1,400	Yes	GAS
005434-004	DE5434-004 H2S EC CELL 0-50PPM		\$ 1,400	Yes	GAS
005724-001	ASSY, EC CELL, O2		\$ 1,700	Yes	GAS
005964-001	CALIBRATION CUP WITH O-RING	(C7064)	\$ 300	Yes	GAS
006066-002	Q1201A ADAPTER		\$ 110	Yes	FLM
006097-001	LASER AIMER-W/TOGGLE SWITCH		\$ 1,300	Yes	FLM
006097-002	LASER AIMER,GRN, W/TGL SWITCH		\$ 1,300	Yes	FLM
006097-901	LASER AIMER, RUSSIAN		\$ 1,300	Yes	FLM
006291-004	INNER FILTER, AL, 3.77"		\$ 140	Yes	GAS
006295-001	GASKET, FILTER		\$ 11	Yes	GAS
006297-003	HYDROPHBC SCRPN PIRVOL (FORMED)	PIRVOL ONLY	\$ 33	Yes	GAS
006414-001	PIRTBA2NW1L, AL,3/4,2L,SHORT	QUAD	\$ 410	Yes	GAS
006414-002	PIRTBA2MW1L,AL,M20/25,2L,SHORT	QUAD	\$ 410	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
006414-003	PIRTBA2NW3L, AL,3/4,2L,TALL	QUAD	\$ 630	Yes	GAS
006414-004	PIRTBA2MW3L, AL,M20/25,2L,TALL	QUAD	\$ 630	Yes	GAS
006414-007	PIRTBS2NW1L, SS,3/4,2L,SHORT	QUAD	\$ 1,100	Yes	GAS
006414-008	PIRTBS2KW1L, SS,M20,2L,SHORT		\$ 1,100	Yes	GAS
006414-009	PIRTBA2NW1I, AL,3/4,2ST,SHORT		\$ 410	Yes	GAS
006414-010	PIRTBS2KW3L, SS,M20,2L,TALL	QUAD	\$ 1,500	Yes	GAS
006414-011	PIRTBA3NW3T, AL,3/4,3T,TALL	QUAD	\$ 630	Yes	GAS
006414-012	PIRTBA3MW3T, AL,M20/25,3T,TALL	CENELEC	\$ 630	Yes	GAS
006414-014	PIRTBS2NW3L, SS,3/4,2L,TALL	QUAD APPROVALS	\$ 1,500	Yes	GAS
006414-015	PIRTBA2NB3L, AL,3/4,2L,TALL	CEPEL,TALL,TAPERED,90	\$ 630	Yes	GAS
006414-016	PIRTBA5NW1V,AL, 3/4, 5V, SHORT		\$ 370	Yes	GAS
006414-017	PIRTBS5NW1V,SS, 3/4, 5V, SHORT		\$ 1,100	Yes	GAS
006414-018	PIRTBA5LW1V,AL, M25, 5V, SHORT		\$ 370	Yes	GAS
006414-019	PIRTBS5LW1V,SS, M25, 5V, SHORT		\$ 1,100	Yes	GAS
006414-020	PIRTBA5NW3V,AL, 3/4, 5V, TALL		\$ 570	Yes	GAS
006414-021	PIRTBS5NW3V,SS, 3/4, 5V, TALL		\$ 1,400	Yes	GAS
006414-022	PIRTBA5LW3V,AL, M25, 5V, TALL		\$ 570	Yes	GAS
006414-023	PIRTBS5LW3V,SS, M25, 5V, TALL		\$ 1,400	Yes	GAS
006414-310	PIRTBS2KW3L-YO, SS,M20,2L,TALL	QUAD,PAINTED YEL-ORG	\$ 1,800	Yes	GAS
006414-902	PIRTBA2MR1L,AL,M20/25,2L,SHORT	RUSSIAN	\$ 410	Yes	GAS
006414-904	PIRTBA2MR3L, AL,M20/25,2L,TALL	RUSSIAN	\$ 630	Yes	GAS
006439-004	W8067S1004 TEST LAMP IR/UVIR		\$ 1,500	Yes	FLM
006468-001	KIT,METHANE,2.5%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-002	KIT,ETHANE,1.5%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-003	KIT,ETHYLENE,1.35%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-004	KIT,PROPANE,1.05%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-005	KIT,PROPYLENE,1.2%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-006	KIT,BUTANE,.95%VOL,50%LFL		\$ 1,900	Yes	GAS
006468-007	KIT,METHANE,.375%VOL,7.5%LFL		\$ 1,700	Yes	GAS
006468-008	KIT,METHANE,3.0%VOL,60%LFL		\$ 1,300	Yes	GAS
006468-014	KIT,METHANE,2.2%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-015	KIT,PROPANE,.85%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-016	KIT,INFRARED CAL,W/O BOTTLE		\$ 870	Yes	GAS
006468-017	KIT,CARBON DIO,1%V/V(10000PPM)		\$ 1,300	Yes	GAS
006468-019	KIT,PROPYLENE,1.00%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-020	KIT,ETHYLENE,1.15%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-021	KIT,ETHANE,1.20%VOL,50%LFL		\$ 1,300	Yes	GAS
006468-022	KIT,BUTANE,0.7%VOL,50%LFL		\$ 1,900	Yes	GAS
006468-906	KIT,METHANE,2.5%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
006468-914	KIT,METHANE,2.2%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
006468-915	KIT,PROPANE,.85%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
006468-917	KIT,METHNE,0.33%VOL,7.5%LFL,RU		\$ 1,700	Yes	GAS
006470-001	ASSY, HARNESS SENSOR, INFINITI		\$ 160	Yes	GAS
006491-001	SPLASH GUARD	REPLACES 226354-001	\$ 190	Yes	GAS
006506-003	RING,SLIP,ALUM		\$ 75	Yes	GAS
006506-004	RING,SLIP,316 SS,PIR9400S		\$ 110	Yes	GAS
006506-005	RING,SLIP,316SS,PIR9400S,DUCT		\$ 120	Yes	GAS
006528-001	Q1115A1001 AIR SHIELD, 316SS		\$ 2,000	Yes	FLM
006528-002	Q1115A1002 AIR SHIELD, AL		\$ 1,400	Yes	FLM
006547-004	MIDDLE FILTER, AL, 3.77"		\$ 170	Yes	GAS
006548-004	OUTER FILTER, ALUM.		\$ 360	Yes	GAS
006618-001	CAL CUP-REMOTE, SSTL SCREENS,	BARBED FITTING, OUTDOOR USE	\$ 360	Yes	GAS
006618-002	CAL CUP-REMOTE, SSTL SCREENS,	COMPRESSN FITTING, OUTDOOR USE	\$ 370	Yes	GAS
006629-002	SAMPLE DRAW (COMPRESS, AL)		\$ 1,400	Yes	GAS
006629-004	SAMPLE DRAW (COMPRESS 316SS)		\$ 2,000	Yes	GAS
006680-001	ASSY, GREASE KIT, SILICONE		\$ 110	Yes	GAS
006682-001	WINDSHIELD,CALIBRATION,PIR9400		\$ 140	Yes	GAS
006682-002	WINDSHIELD,CALIBRATION,PIRECL		\$ 110	Yes	GAS
006728-001	ASSY,FRONT COVER C7064E		\$ 340	Yes	GAS
006741-002	HOSE FITTING, CAL, SS, 1/4-28		\$ 18	Yes	GAS
006741-003	HOSE FITTING CAL., 1/16 NPT		\$ 26	Yes	GAS
006741-004	HOSE FITTING 1/16 NPT,0.437 HX		\$ 18	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
006743-001	ASSY,REMOTE CAL. ADAPTOR(PTIR)		\$ 200	Yes	GAS
006817-001	ASSY,PCBD,505,125 OHM	ROS 1/1/24	\$ 1,200	Yes	GAS
006824-001	CGSS1A6C2R1X 3/4,6LW,CC	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-002	CGSS1A6V2R1X 3/4,6LW,CV	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-003	CGSS1C6C2R1X M20,6LW,CC	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-004	CGSS1C6V2R1X M20,6LW,CV	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-005	CGSS1A3C2R1X 3/4,30LW,CC	COMBUSTIBLE GAS SENSOR	\$ 770	Yes	GAS
006824-006	CGSS1A3V2R1X 3/4,30LW,CV	COMBUSTIBLE GAS SENSOR	\$ 770	Yes	GAS
006824-007	CGSS1C3C2R1X M20,30LW,CC	COMBUSTIBLE GAS SENSOR	\$ 770	Yes	GAS
006824-008	CGSS1C3V2R1X M20,30LW,CV	COMBUSTIBLE GAS SENSOR	\$ 770	Yes	GAS
006824-011	CGSS1C5C2R1X M20,FERRULES,CC	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-020	CGSS1A6C2H1X, 3/4, 6LW, CC,H2		\$ 920	Yes	GAS
006824-021	CGSS1C3C2H1X, M20, 30LW, CC,H2		\$ 920	Yes	GAS
006824-101	CGSS1A6C2R1B 3/4,6LW,CC	COMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-853	CGSS1C6C2R1K,HOLD MCO100846	6LW,CC,KCOMBUSTIBLE GAS SENSOR	\$ 650	Yes	GAS
006824-903	CGSS1C6C2RIR,M20,6LW,CC		\$ 750	Yes	GAS
006824-904	CGSS1C6V2RIR,M20,6LW,CV		\$ 750	Yes	GAS
006876-001	KIT,REPLACEMENT HYDROPHOBIC	PIR9400 POINTWATCH	\$ 73	Yes	GAS
006876-002	KIT,REPL. PIRDUCT HYDRO SCREEN		\$ 330	Yes	GAS
006941-003	EQ2407NE M25/20 5P FM/CSA/ATEX		\$ 2,600	Yes	SYS
006941-006	EQ2417NE M25/20 5P FM/CSA/ATEX		\$ 3,200	Yes	SYS
006941-007	EQ2408NE AL 3/4NPT 6P FMCSA		\$ 2,700	Yes	SYS
006941-008	EQ2409NE M25/20 6P FM/CSA/ATEX		\$ 2,700	Yes	SYS
006941-009	EQ2453NE 3/4NPT 5P FM/CSA/ATEX		\$ 2,600	Yes	SYS
006941-010	EQ2463NE 3/4NPT 5P FM/CSA/ATEX		\$ 3,200	Yes	SYS
006979-001	EQ2100PSM,POWER SUPPLY MONITOR		\$ 2,400	Yes	SYS
007145-101	ASSY, RELAY BD, ECLIPSE, ROHS		\$ 750	Yes	GAS
007165-001	WTHRSHLD,STD,NO HYDRO FILT		\$ 230	Yes	GAS
007165-002	WTHRSHLD,STD, W/HYDRO		\$ 230	Yes	GAS
007165-004	WTHRSHLD,1/16NPT W/HYDRO		\$ 300	Yes	GAS
007165-005	WTRSHD,1/4-28 X 7/16-20 EXT	NO/HYDRO, EXTERNAL THREADS	\$ 300	Yes	GAS
007167-001	BOLT, FLANGE (M6)		\$ 8	Yes	GAS
007168-001	PIRECLA1A1W1 GAS DETECTOR	3/4,4-20,NO ALRM,W/HYD, QUAD	\$ 5,600	Yes	GAS
007168-001B	PIRECLA1A1W1 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-001E	PIRECLA1A1W1 GAS DETECTOR	FACTORY CALIBRATED TO ETHYLENE	\$ 5,600	Yes	GAS
007168-001P	PIRECLA1A1W1 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-002	PIRECLB1A1W1 GAS DETECTOR	M25,4-20,NO ALRM,W/HYD,QUAD	\$ 5,600	Yes	GAS
007168-002B	PIRECLB1A1W1 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-002E	PIRECLB1A1W1 GAS DETECTOR	FACTORY CALIBRATED TO ETHYLENE	\$ 5,600	Yes	GAS
007168-002P	PIRECLB1A1W1 GAS DETECTOR	FACTORY CALIBRATED TO PROPANE	\$ 5,600	Yes	GAS
007168-003	PIRECLA1A2W1 GAS DETECTOR	3/4,4-20,NORELAY,W/OHYD,QUAD	\$ 5,600	Yes	GAS
007168-004	PIRECLB1A2W1 GAS DETECTOR	M25,4-20,NORELAY,W/OHYD,QUAD	\$ 5,600	Yes	GAS
007168-004E	PIRECLB1A2W1 GAS DETECTOR	M25,4-20,NORELAY,W/OHYD,QUAD	\$ 6,200	Yes	GAS
007168-005	PIRECLA1B1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,200	Yes	GAS
007168-005B	PIRECLA1B1W2 GAS DETECTOR		\$ 6,200	Yes	GAS
007168-005E	PIRECLA1B1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,200	Yes	GAS
007168-005P	PIRECLA1B1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,200	Yes	GAS
007168-006	PIRECLB1B1W2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,QUAD	\$ 6,200	Yes	GAS
007168-006P	PIRECLB1B1W2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,QUAD	\$ 6,100	Yes	GAS
007168-007	PIRECLA1B2W2 GAS DETECTOR	3/4,4-20,W/RELAY,W/OHYD,QUAD	\$ 6,200	Yes	GAS
007168-007P	PIRECLA1B2W2 GAS DETECTOR		\$ 6,200	Yes	GAS
007168-010	PIRECLA1A3W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYD,QUAD	\$ 5,600	Yes	GAS
007168-010E	PIRECLA1A3W1 GAS DETECTOR	FACTORY CALIBRATED TO ETHYLENE	\$ 5,600	Yes	GAS
007168-010P	PIRECLA1A3W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYD,QUAD	\$ 5,600	Yes	GAS
007168-012	PIRECLA4A1W1 GAS DETECTOR	3/4,EQP, ,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-012B	PIRECLA4A1W1 GAS DETECTOR		\$ 5,800	Yes	GAS
007168-012E	PIRECLA4A1W1 GAS DETECTOR	3/4,EQP, ,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-012P	PIRECLA4A1W1 GAS DETECTOR	3/4,EQP, ,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-013	PIRECLB4A1W1 GAS DETECTOR	M25,EQP,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-014	PIRECLA4A2W1 GAS DETECTOR	3/4,EQP.W/O HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-015	PIRECLB4A2W1 GAS DETECTOR	M25,EQP,W/O HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-016	PIRECLA4A3W1 GAS DETECTOR	3/4,EQP,DUCT-RDY,W/HDRO,QUAD	\$ 5,800	Yes	GAS

2025 Numeric Price List

Detector Electronics LLC Company Restricted – Do Not Forward

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
007168-017	PIRECLB4A3W1 GAS DETECTOR	M25,EQP,DUCT ,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-020	PIRECLA1A1B2 GAS DETECTOR	3/4,4/20,W/O RLY,W/ HYDRO,CEPL	\$ 5,600	Yes	GAS
007168-021	PIRECLA1B1B2 GAS DETECTOR	3/4,4/20,W/ RLY,W/ HYDRO,CEPL	\$ 6,200	Yes	GAS
007168-022	PIRECLA1A5W1 GAS DETECTOR	3/4,4/20,W/O RLY,NOWTHR,QUAD	\$ 5,500	Yes	GAS
007168-023	PIRECLA1B5W2 GAS DETECTOR	3/4,4/20,W/ RLY,NOWTHR,QUAD	\$ 6,100	Yes	GAS
007168-024	PIRECLB1A5W1 GAS DETECTOR	M25,4/20,W/O RLY,NO WTHR,QUAD	\$ 5,500	Yes	GAS
007168-027	PIRECLB1B2W2 GAS DETECTOR	M25,4-20,W/RLY,W/O HYDRO,QUAD	\$ 6,200	Yes	GAS
007168-038	PIRECLA1B3W2 GAS DETECTOR	3/4,4-20,W/RELAY,W/ HYD,QUAD	\$ 6,200	Yes	GAS
007168-039	PIRECL KDS PN 422082	3/4,4-20,W/O RLY,W/HYDRO,NO AP	\$ 5,300	Yes	GAS
007168-040	PIRECLB1A3W1 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-041	PIRECLA1A1W2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,600	Yes	GAS
007168-041E	PIRECLA1A1W2 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-041P	PIRECLA1A1W2 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-042	PIRECLA1A3W2 GAS DETECTOR	3/4,4-20,W/O RLY,1/16"HYD,QUAD	\$ 5,600	Yes	GAS
007168-042P	PIRECLA1A3W2 GAS DETECTOR	3/4,4-20,W/O RLY,1/16"HYD,QUAD	\$ 5,600	Yes	GAS
007168-043	PIRECLA4A1W2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-043P	PIRECLA4A1W2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-044	PIRECLA4A3W2 GAS DETECTOR	3/4,EQP,W/O RLY,1/16" HYD,QUAD	\$ 5,800	Yes	GAS
007168-045	PIRECLB1A1W2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,600	Yes	GAS
007168-045B	PIRECLB1A1W2 GAS DETECTOR		\$ 5,600	Yes	GAS
007168-045E	PIRECLB1A1W2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,600	Yes	GAS
007168-045P	PIRECLB1A1W2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,600	Yes	GAS
007168-046	PIRECLB1A3W2 GAS DETECTOR	M25,4-20,W/O RLY,1/16"HYD,QUAD	\$ 5,600	Yes	GAS
007168-047	PIRECLB4A1W2 GAS DETECTOR	M25,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,800	Yes	GAS
007168-048	PIRECLB4A3W2 GAS DETECTOR	M25,EQP,W/O RLY,1/16" HYD,QUAD	\$ 5,800	Yes	GAS
007168-051	PIRECLA4A1B2 GAS DETECTOR	3/4, EQP, ,W/HYDRO,BRAZIL	\$ 6,400	Yes	GAS
007168-101	PIRECLA1A1Y1 GAS DETECTOR	CHINESE	\$ 4,500	Yes	GAS
007168-102	PIRECLB1A1Y1 GAS DETECTOR	CHINESE	\$ 4,300	Yes	GAS
007168-103	PIRECLA1A2Y1 GAS DETECTOR	CHINESE	\$ 4,500	Yes	GAS
007168-104	PIRECLB1A2Y1 GAS DETECTOR	CHINESE	\$ 4,300	Yes	GAS
007168-105	PIRECLA1B1Y2 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-106	PIRECLB1B1Y2 GAS DETECTOR	CHINESE	\$ 4,800	Yes	GAS
007168-107	PIRECLA1B2Y2 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-108	PIRECLB1A1Y2 GAS DETECTOR	CHINESE	\$ 4,300	Yes	GAS
007168-110	PIRECLA1A3Y1 GAS DETECTOR	CHINESE	\$ 4,500	Yes	GAS
007168-112	PIRECLA4A1Y1 GAS DETECTOR	CHINESE	\$ 4,800	Yes	GAS
007168-113	PIRECLB4A1Y1 GAS DETECTOR	CHINESE	\$ 4,700	Yes	GAS
007168-114	PIRECLA4A2Y1 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-115	PIRECLB4A2Y1 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-116	PIRECLA4A3Y1 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-117	PIRECLB4A3Y1 GAS DETECTOR	CHINESE	\$ 5,000	Yes	GAS
007168-201	PIRECLA1A1T1 GAS DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 5,600	Yes	GAS
007168-201B	PIRECLA1A1T1 GAS DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 5,600	Yes	GAS
007168-201E	PIRECLA1A1T1 GAS DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 5,600	Yes	GAS
007168-201P	PIRECLA1A1T1 GAS DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 5,600	Yes	GAS
007168-202	PIRECLB1A1T1 GAS DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 5,600	Yes	GAS
007168-202P	PIRECLB1A1T1 GAS DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 5,600	Yes	GAS
007168-203	PIRECLA1A2T1 GAS DETECTOR	3/4,4-20,NORELAY,W/OHYD,SIL	\$ 5,600	Yes	GAS
007168-204	PIRECLB1A2T1 GAS DETECTOR	M25,4-20,NORELAY,W/OHYD,SIL	\$ 5,600	Yes	GAS
007168-205	PIRECLA1B1T2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,SIL	\$ 6,200	Yes	GAS
007168-205B	PIRECLA1B1T2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,SIL	\$ 6,200	Yes	GAS
007168-205P	PIRECLA1B1T2 GAS DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 6,200	Yes	GAS
007168-206	PIRECLB1B1T2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 6,200	Yes	GAS
007168-206P	PIRECLB1B1T2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 6,200	Yes	GAS
007168-207	PIRECLA1B2T2 GAS DETECTOR	3/4,4-20,W/RELAY,W/OHYD,SIL	\$ 6,200	Yes	GAS
007168-207E	PIRECLA1B2T2 GAS DETECTOR	3/4,4-20,W/RELAY,W/OHYD,SIL	\$ 6,200	Yes	GAS
007168-210	PIRECLA1A3T1 GAS DETECTOR	3/4,4-20,DUCT,W/ HYDRO,SIL	\$ 5,600	Yes	GAS
007168-210E	PIRECLA1A3T1 GAS DETECTOR	3/4,4-20,DUCT,W/ HYDRO,SIL	\$ 5,600	Yes	GAS
007168-212	PIRECLA4A1T1 GAS DETECTOR EQP		\$ 6,400	Yes	GAS
007168-213	PIRECLB4A1T1 GAS DETECTOR EQP		\$ 6,400	Yes	GAS
007168-214	PIRECLA4A2T1 GAS DETECTOR EQP		\$ 6,400	Yes	GAS
007168-215	PIRECLB4A2T1 GAS DETECTOR EQP		\$ 6,400	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
007168-216	PIRECLA4A3T1 GAS DETECTOR EQP	3/4,EQP,DUCT,W/ HYD, SIL	\$ 6,400	Yes	GAS
007168-217	PIRECLB4A3T1 GAS DETECTOR EQP	M25,EQP,DUCT,W/ HYD, SIL	\$ 6,400	Yes	GAS
007168-218	PIRECLB1A2T2 GAS DETECTOR	M25,4-20,W/O RELAY,W/O HYD,SIL	\$ 5,600	Yes	GAS
007168-220	PIRECLA1A1BT2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYD,CPL/SIL	\$ 5,600	Yes	GAS
007168-221	PIRECLA1B1BT2 GAS DETECTOR	3/4 4-20 HART HYDRO BRAZIL	\$ 6,200	Yes	GAS
007168-227	PIRECLB1B2T2 GAS DETECTOR	M25,W/ RLY,W/O HYDRO,SIL	\$ 6,200	Yes	GAS
007168-240	PIRECLB1A3T1 GAS DETECTOR	M25,4-20,DUCT,W/ HYD, SIL	\$ 5,600	Yes	GAS
007168-241	PIRECLA1A1T2 GAS DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 5,600	Yes	GAS
007168-241P	PIRECLA1A1T2 GAS DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 5,600	Yes	GAS
007168-242	PIRECLA1A3T2 GAS DETECTOR	3/4,4-20,1/16"HYD,QUAD/SIL	\$ 5,600	Yes	GAS
007168-242P	PIRECLA1A3T2 GAS DETECTOR	3/4,4-20,1/16"HYD,QUAD/SIL	\$ 5,600	Yes	GAS
007168-243	PIRECLA4A1T2 GAS DETECTOR	3/4,EQP,W/ HYDRO,QUAD/SIL	\$ 6,400	Yes	GAS
007168-244	PIRECLA4A3T2 GAS DETECTOR	3/4,EQP,1/16" HYD,QUAD/SIL	\$ 6,400	Yes	GAS
007168-245	PIRECLB1A1T2 GAS DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 5,600	Yes	GAS
007168-245E	PIRECLB1A1T2 GAS DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 5,600	Yes	GAS
007168-245P	PIRECLB1A1T2 GAS DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 5,600	Yes	GAS
007168-246	PIRECLB1A3T2 GAS DETECTOR	M25,4-20,1/16"HYD,QUAD/SIL	\$ 5,600	Yes	GAS
007168-247	PIRECLB4A1T2 GAS DETECTOR	M25,EQP,W/ HYDRO,QUAD/SIL	\$ 6,400	Yes	GAS
007168-247P	PIRECLB4A1T2 GAS DETECTOR	M25,EQP,W/ HYDRO,QUAD/SIL	\$ 6,400	Yes	GAS
007168-248	PIRECLB4A3T2 GAS DETECTOR	M25,EQP,1/16" HYD,QUAD/SIL	\$ 6,400	Yes	GAS
007168-251	PIRECLA4A1BT2 GAS DETECTOR	3/4 EQP HART PORT BRAZIL	\$ 6,400	Yes	GAS
007168-601	PIRECLB1A1BT2 GAS DETECTOR	M25,4/20,HART,HYD,INMETRO	\$ 5,600	Yes	GAS
007168-841	PIRECLA1A1SK2 GAS DETECTOR	3/4,4-20,W/HYDRO,SIL/KAZ	\$ 4,100	Yes	GAS
007168-845	PIRECLB1A1K2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,KAZ	\$ 3,900	Yes	GAS
007168-862	PIRECLB1A1SK1 GAS DETECTOR	M25,4/20,NORLY,HRT,HYD,SIL/KAZ	\$ 3,900	Yes	GAS
007168-865	PIRECLB1A1SK2 GAS DETECTOR	M25,4/20,NORLY,HRT,HYD,SIL/KAZ	\$ 3,900	Yes	GAS
007168-866	PIRECLB1B1SK2 GAS DETECTOR	M25,4/20,W/RLY,W/HYDRO,SIL/KAZ	\$ 4,400	Yes	GAS
007168-873	PIRECLB4A1SK2 GAS DETECTOR	M25,EQP,W/HYDRO,EXD,SIL,KAZK	\$ 4,500	Yes	GAS
007168-902	PIRECLB1A1R1 GAS DETECTOR	M25,4/20,W/O RLY,W/ HYDRO,RUSS	\$ 3,900	Yes	GAS
007168-904	PIRECLB1A2R1 GAS DETECTOR	M25,4/20,W/O RLY,W/O HYDRO,RUS	\$ 3,900	Yes	GAS
007168-905	PIRECLB1A1R2 GAS DETECTOR	M25,4/20,W/O RLY,W/HYDRO,EXD,R	\$ 3,900	Yes	GAS
007168-906	PIRECLB1B1R2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,RUSS	\$ 4,400	Yes	GAS
007168-907	PIRECLB1A2R2 GAS DETECTOR	M25,4/20,W/O RLY,W/OHYDRO,EXD	\$ 3,900	Yes	GAS
007168-908	PIRECLB1B2R2 GAS DETECTOR	M25,4-20,W/ RLY,W/O HYDRO,RUSS	\$ 4,400	Yes	GAS
007168-910	PIRECLA1A3R1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,RUSS	\$ 4,100	Yes	GAS
007168-912	PIRECLA4A1R1 GAS DETECTOR	3/4,EQP,W/HYDRO,EXDE,RUSSIAN	\$ 4,500	Yes	GAS
007168-913	PIRECLB4A1R2 GAS DETECTOR	M25,EQP,W/HYDRO,EXD,RUSSIAN	\$ 4,500	Yes	GAS
007168-915	PIRECLB4A2R2 GAS DETECTOR,RUSS	M25,EQP,W/O HYDRO,EXD,RUSSIAN	\$ 4,500	Yes	GAS
007168-916	PIRECLA4A3R1 GAS DETECTOR	3/4,EQP,DUCT,W/HYDRO,RUSSIAN	\$ 4,500	Yes	GAS
007168-925	PIRECLB1B5R2 GAS DETECTOR	M25,4-20,W/ RLY,NO WTHR,RUSS	\$ 3,900	Yes	GAS
007168-940	PIRECLB1A3R1 GAS DETECTOR	M25,4/20,W/O RLY,W/ HYDRO,RUSS	\$ 3,900	Yes	GAS
007168-946	PIRECLB1A3R2 GAS DETECTOR		\$ 3,900	Yes	GAS
007168-965	PIRECLB1A1SR2 GAS DETECTOR	M25,4/20,W/O RLY,W/HYDRO,SIL,R	\$ 3,900	Yes	GAS
007168-966	PIRECLB1B1SR2 GAS DETECTOR	M25,4/20,W/RLY,W/HYDRO,SIL,R	\$ 4,400	Yes	GAS
007168-966P	PIRECLB1B1SR2 GAS DETECTOR	M25,4/20,W/RLY,W/HYDRO,SIL,R	\$ 4,400	Yes	GAS
007168-968	PIRECLB1B2SR2 GAS DETECTOR	M25,4-20,W/RLY,W/O HYDRO,SIL,R	\$ 4,400	Yes	GAS
007168-973	PIRECLB4A1SR2 GAS DETECTOR	M25,EQP,W/HYDRO,EXD,SIL,RUSS	\$ 4,500	Yes	GAS
007168-975	PIRECLB4A2SR2 GAS DETECTOR	M25,EQP,W/O HYDRO,EXD,SIL,R	\$ 4,500	Yes	GAS
007168-985	PIRECLA1B1SR2 GAS DETECTOR	3/4,4-20,W/RLY,W,HYDRO,SIL/RUS	\$ 4,500	Yes	GAS
007168-986	PIRECLB1A3SR2 GAS DETECTOR	M25,4-20,W/ORLY,1/16"HYD,SIL,R	\$ 3,900	Yes	GAS
007168-986P	PIRECLB1A3SR2 GAS DETECTOR	M25,4-20,W/ORLY,1/16"HYD,SIL,R	\$ 3,900	Yes	GAS
007222-001	LANYARD		\$ 9	Yes	GAS
007240-001	Q1116A1001,AIR SHIELD		\$ 950	Yes	FLM
007241-002	GASKET,PORON,AIR SHIELD		\$ 8	Yes	FLM
007255-001	Q1201C1001,LASER AIMER HOLDER	GEN ASSY	\$ 1,100	Yes	FLM
007255-901	Q1201C1001,LSR AMR HLDR,RUSSIN		\$ 1,100	Yes	FLM
007290-001	Q9033B1000 MOUNTING ARM	316 SST	\$ 510	Yes	FLM
007290-002	Q9033A1000 MOUNTING ARM	ALUMINUM	\$ 440	Yes	FLM
007290-901	Q9033B1000-R MOUNTING ARM	316 SST	\$ 510	Yes	FLM
007290-902	Q9033A1000-R MOUNTING ARM	ALUMINUM	\$ 440	Yes	FLM
007307-001	OI REFLECTOR PLATE,X3301		\$ 98	Yes	FLM
007307-002	OI REFLECTOR PLATE,X22/X52/X98		\$ 98	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
007307-003	OI REFLECTOR PLATE,X3302		\$ 98	Yes	FLM
007308-001	X SERIES EMI/RELAY/4-20 BD		\$ 1,100	Yes	FLM
007308-002	X SERIES EMI/PULSE BD		\$ 1,100	Yes	FLM
007308-003	X SERIES LON BD		\$ 1,300	Yes	FLM
007308-004	X SERIES EMI/LON BD,RETROFIT		\$ 1,300	Yes	FLM
007308-005	X SERIES EMI/RELAY/HART BD		\$ 1,400	Yes	FLM
007308-006	X3301,AUTOMTV,EMI/RLYBD ,SPARE		\$ 1,100	Yes	FLM
007338-001	Q2000A1001 WEATHER SHIELD		\$ 360	Yes	FLM
007338-010	Q2033A10R 10DEG X3301 RESTRCTR		\$ 430	Yes	FLM
007338-020	Q2033A20R 20DEG X3301 RESTRCTR		\$ 430	Yes	FLM
007338-030	Q2033A30R 30DEG X3301 RESTRCTR		\$ 430	Yes	FLM
007351-001	PSS-ML DEC TEST LAMP		\$ 240	Yes	FLM
007355-001	Q900A1001 DUCT MT KIT - PIRECL	(PIRECL ECLIPSE NOT INCLUDED)	\$ 1,900	Yes	GAS
007355-002	Q900A1001-1 DUCT MT KIT	1FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-003	Q900A1001-3 DUCT MT KIT	3FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-004	Q900A1001-6 DUCT MT KIT	6FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-005	Q900A1001-10 DUCT MT KIT	10FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-006	Q900A1001-13 DUCT MT KIT	13FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-901	Q900A1001-R DUCT MT KIT,RUSSIA	(PIRECL ECLIPSE NOT INCLUDED)	\$ 1,800	Yes	GAS
007355-902	Q900A1001-R-1 DUCT MT KIT	1FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-903	Q900A1001-R-3 DUCT MT KIT	3FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-904	Q900A1001-R-6 DUCT MT KIT	6FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-905	Q900A1001-R-10 DUCT MT KIT	10FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007355-906	Q900A1001-R-13 DUCT MT KIT	13FT INLET TUBE INCLUDED	\$ 1,800	Yes	GAS
007360-001	EQ3800NW, PDM		\$ 2,100	Yes	SYS
007360-101	EQ3810NE, PDM		\$ 2,000	Yes	GAS
007371-002	EQ3700PW DCIO		\$ 3,800	Yes	SYS
007371-003	EQ3700DW DCIO		\$ 3,800	Yes	SYS
007525-003	DIRECT DUCT,SS,VERT,PIRECL	(DETECTOR NOT INCLUDED)	\$ 1,300	Yes	GAS
007525-004	DIRECT DUCT,AL,VERT,PIRECL	(DETECTOR NOT INCLUDED)	\$ 900	Yes	GAS
007525-005	DIRECT DUCT,SS,HORZ,PIRECL	(DETECTOR NOT INCLUDED)	\$ 1,300	Yes	GAS
007525-006	DIRECT DUCT,AL,HORZ,PIRECL	(DETECTOR NOT INCLUDED)	\$ 900	Yes	GAS
007527-001	GASKET, DIRECT DUCT MOUNT		\$ 33	Yes	GAS
007529-001	DIR DUCT PIRECLA1A3W1 VERT	SS,3/4",4-20MA	\$ 6,900	Yes	GAS
007529-003	DIR DUCT PIRECLA4A3W1 VERT	SS,3/4",EQP	\$ 7,100	Yes	GAS
007529-006	DIR DUCT PIRECLA1B3W2 VERT	SS,3/4",RELAY	\$ 7,400	Yes	GAS
007529-007	DIR DUCT PIRECLA1A3W1 HORZ	SS,3/4",4-20MA	\$ 6,900	Yes	GAS
007529-008	DIR DUCT PIRECLA4A3W1 HORZ	SS,3/4",EQP	\$ 7,100	Yes	GAS
007529-010	DIR DUCT PIRECLA1A3T1 VERT	SS,3/4",4-20MA,SIL	\$ 6,900	Yes	GAS
007529-011	DIR DUCT PIRECLA4A3T1 VERT	SS,3/4",EQP,SIL	\$ 7,600	Yes	GAS
007529-013	DIR DUCT PIRECLB4A3T1 VERT	SS,M25,EQP,SIL	\$ 7,600	Yes	GAS
007529-014	DIR DUCT PIRECLA1A3T1 HORZ	SS,3/4",4-20MA,SIL	\$ 6,900	Yes	GAS
007529-015	DIR DUCT PIRECLA4A3T1 HORZ	SS,3/4",EQP,SIL	\$ 7,600	Yes	GAS
007529-017	DIR DUCT PIRECLB4A3T1 HORZ	SS,M25,EQP,SIL	\$ 7,600	Yes	GAS
007529-020	DIR DUCT PIRECLA4D3T1 VERT	3/4, EQP,W/ HYDRO, SIL	\$ 7,400	Yes	GAS
007529-021	DIR DUCT PIRECLB4D3T1 VERT	M25, EQP, W/ HYDRO, SIL	\$ 7,400	Yes	GAS
007529-903	DIR DUCT PIRECLA4A3R1 VERT	SS,3/4,EQP,FACTORY FIT	\$ 6,800	Yes	GAS
007529-908	DIR DUCT PIRECLA4A3R1 HORZ	SS,3/4,EQP,FACTORY FIT	\$ 6,800	Yes	GAS
007609-062	EQ3001PNNW EQP CONTROLLER		\$ 12,700	Yes	SYS
007609-063	EQ3001DNW EQP CONTROLLER		\$ 12,700	Yes	SYS
007609-065	EQ3001PCNW EQP CONTROLLER		\$ 14,400	Yes	SYS
007609-066	EQ3001DCNW EQP CONTROLLER		\$ 14,400	Yes	SYS
007609-067	EQ3001PNSW EQP CONTROLLER		\$ 14,400	Yes	SYS
007609-068	EQ3001DNSW EQP CONTROLLER		\$ 14,400	Yes	SYS
007609-069	EQ3001PCSW EQP CONTROLLER		\$ 16,200	Yes	SYS
007609-070	EQ3001DCSW EQP CONTROLLER		\$ 16,200	Yes	SYS
007609-072	EQ3001PNNT EQP CONTROLLER ,SIL		\$ 14,400	Yes	SYS
007609-073	EQ3001DNNT EQP CONTROLLER ,SIL		\$ 14,400	Yes	SYS
007609-075	EQ3001PCNT EQP CONTROLLER ,SIL		\$ 16,400	Yes	SYS
007609-076	EQ3001DCNT EQP CONTROLLER ,SIL		\$ 16,400	Yes	SYS
007609-077	EQ3001PNST EQP CONTROLLER ,SIL		\$ 16,400	Yes	SYS
007609-078	EQ3001DNST EQP CONTROLLER ,SIL		\$ 16,400	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
007609-079	EQ3001PCST EQP CONTROLLER ,SIL		\$ 18,400	Yes	SYS
007609-080	EQ3001DCST EQP CONTROLLER ,SIL		\$ 18,400	Yes	SYS
007609-082	EQ3001PNEW EQP CONTROLLER		\$ 15,100	Yes	SYS
007609-083	EQ3001DNEW EQP CONTROLLER		\$ 15,100	Yes	SYS
007609-084	EQ3001PCEW EQP CONTROLLER		\$ 16,800	Yes	SYS
007609-085	EQ3001DCEW EQP CONTROLLER		\$ 16,800	Yes	SYS
007609-086	EQ3001PNET EQP CONTROLLER,SIL		\$ 17,100	Yes	SYS
007609-087	EQ3001DNET EQP CONTROLLER,SIL		\$ 17,100	Yes	SYS
007609-088	EQ3001PCET EQP CONTROLLER,SIL		\$ 19,100	Yes	SYS
007609-089	EQ3001DCET EQP CONTROLLER,SIL		\$ 21,000	Yes	SYS
007609-184	EQ3001PDEW EQP CONTROLLER	QUAD,PNL MNT, ETHERNET,W/ DLR	\$ 17,600	Yes	SYS
007609-185	EQ3001DDEW EQP CONTROLLER	QUAD, DIN MNT, ETHERNET,W/ DLR	\$ 17,600	Yes	SYS
007609-189	EQ3001DDET EQP CONTROLLER, SIL	QUAD, DIN MNT, ETHERNET,W/ DLR	\$ 19,800	Yes	SYS
007609-262	EQ3001PNNW-C EQP CONTROLLER	QUAD,PNL MNT	\$ 15,800	Yes	SYS
007609-269	EQ3001PCSW-C EQP CONTROLLER		\$ 20,200	Yes	SYS
007609-277	EQ3001PNST-C EQP CTRL,SIL		\$ 18,100	Yes	SYS
007609-282	EQ3016PNNW-C EQP CONTROLLER	QUAD,PNL MNT	\$ 7,800	Yes	SYS
007609-462	EQ3016PNNW EQP CONTROLLER		\$ 6,300	Yes	SYS
007609-463	EQ3016DNNW EQP CONTROLLER		\$ 6,300	Yes	SYS
007609-465	EQ3016PCNW EQP CONTROLLER		\$ 8,000	Yes	SYS
007609-466	EQ3016DCNW EQP CONTROLLER		\$ 8,000	Yes	SYS
007609-467	EQ3016PNSW EQP CONTROLLER		\$ 8,000	Yes	SYS
007609-468	EQ3016DNSW EQP CONTROLLER		\$ 8,000	Yes	SYS
007609-469	EQ3016PCSW EQP CONTROLLER		\$ 9,700	Yes	SYS
007609-470	EQ3016DCSW EQP CONTROLLER		\$ 9,700	Yes	SYS
007609-472	EQ3016PNNT EQP CONTROLLER ,SIL		\$ 7,100	Yes	SYS
007609-473	EQ3016DNNT EQP CONTROLLER,SIL		\$ 7,100	Yes	SYS
007609-475	EQ3016PCNT EQP CONTROLLER ,SIL		\$ 9,100	Yes	SYS
007609-476	EQ3016DCNT EQP CONTROLLER ,SIL		\$ 9,100	Yes	SYS
007609-477	EQ3016PNST EQP CONTROLLER ,SIL		\$ 9,100	Yes	SYS
007609-478	EQ3016DNST EQP CONTROLLER ,SIL		\$ 9,100	Yes	SYS
007609-479	EQ3016PCST EQP CONTROLLER ,SIL		\$ 11,100	Yes	SYS
007609-480	EQ3016DCST EQP CONTROLLER ,SIL		\$ 11,100	Yes	SYS
007609-482	EQ3016PNEW EQP CONTROLLER		\$ 8,600	Yes	SYS
007609-483	EQ3016DNEW EQP CONTROLLER		\$ 8,600	Yes	SYS
007609-484	EQ3016PCEW EQP CONTROLLER		\$ 10,400	Yes	SYS
007609-485	EQ3016DCEW EQP CONTROLLER		\$ 10,400	Yes	SYS
007609-486	EQ3016PNET EQP CONTROLLER,SIL		\$ 9,800	Yes	SYS
007609-487	EQ3016DNET EQP CONTROLLER,SIL		\$ 9,800	Yes	SYS
007609-488	EQ3016PCET EQP CONTROLLER,SIL		\$ 11,800	Yes	SYS
007609-489	EQ3016DCET EQP CONTROLLER,SIL		\$ 11,800	Yes	SYS
007609-689	EQ3016DDET EQP CONTROLLER, SIL	QUAD, DIN MNT, ETHERNET,W/ DLR	\$ 12,500	Yes	SYS
007609-783	EQ3016DNEK EQP CONTROLLER		\$ 8,600	Yes	SYS
007609-784	EQ3001DNEK EQP CONTROLLER		\$ 15,100	Yes	SYS
007609-909	EQ3001DDER EQP CONTROLLER	RUSSIA,DIN MNT, ETHERNET W/DLR	\$ 17,600	Yes	SYS
007609-950	EQ3016DCSSR,EQP CONTROLLER,SIL	DIN MNT,SRL INTRFC W/C-NET,RUS	\$ 11,100	Yes	SYS
007609-963	EQ3001DNMR, EQP CONTROLLER	DIN MOUNT, RUSSIAN	\$ 12,700	Yes	SYS
007630-001	ASSY,DIN RAIL MNT, SPARE,EQP		\$ 40	Yes	SYS
007633-001	EQP,RS232,CABLE,15 FT		\$ 300	Yes	SYS
007633-002	EQP,RS232,CABLE,30 FT		\$ 320	Yes	SYS
007633-003	EQP,RS232,CABLE,50 FT		\$ 350	Yes	SYS
007706-013	X2200M,HEAD,AL,EX D E,MOLY	HIUV,NOARC,AX=FLW,MOLY	\$ 4,400	Yes	FLM
007739-001	POLE,EXTENSION,MAGNET,12FT		\$ 470	Yes	FLM
007739-002	POLE,EXTENSION,MAGNET,20FT		\$ 480	Yes	FLM
007760-001	X9800,HEAD, AL, EX D E		\$ 4,100	Yes	FLM
007760-002	X9800,HEAD, AL, EX D E		\$ 4,100	Yes	FLM
007760-003	X9800,HEAD, AL, EX D E		\$ 4,100	Yes	FLM
007760-005	X9800,HEAD, AL, EX D E		\$ 4,100	Yes	FLM
007760-006	X9800,HEAD, AL, EX D E		\$ 4,100	Yes	FLM
007761-001	X9800,HEAD, AL, EX D		\$ 4,100	Yes	FLM
007761-003	X9800,HEAD, AL, EX D		\$ 4,100	Yes	FLM
007761-005	X9800,HEAD, AL, EX D		\$ 4,100	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
007761-006	X9800,HEAD, AL, EX D		\$ 4,100	Yes	FLM
007761-007	X9800,HEAD, AL, EX D		\$ 4,100	Yes	FLM
007762-001	X9800,HEAD, SS, EX D E		\$ 4,500	Yes	FLM
007763-001	X9800,HEAD, SS, EX D		\$ 4,500	Yes	FLM
007792-002	EQ3720PW RELAY MODULE	PANEL MTG	\$ 2,400	Yes	SYS
007792-003	EQ3720DW RELAY MODULE	DIN RAIL MTG	\$ 2,400	Yes	SYS
007792-853	EQ3720DK RLY MOD,DIN MNT,KAZ	DIN RAIL MTG	\$ 2,500	Yes	SYS
007800-011	S3 SOFTWARE,60 NODE,W/O OPC	W/O GR,W/O AMS,USB,V10.17.0.17	\$ 4,100	Yes	SYS
007800-012	S3 SOFTWARE,60 NODE,W/ OPC	W/O GR,W/O AMS,USB,V10.17.0.17	\$ 6,800	Yes	SYS
007800-013	S3 SOFTWARE,250 NODE,W/O OPC	W/O GR,W/O AMS,USB,V10.17.0.17	\$ 9,800	Yes	SYS
007800-014	S3 SOFTWARE,250 NODE,W/ OPC	W/O GR,W/O AMS,USB,V10.17.0.17	\$ 12,500	Yes	SYS
007817-001	GASKET,PORON,REAR SEAL	FOR Q1118, Q1198	\$ 23	Yes	FLM
007818-001	Q1118A1001, FLANGE/AIR SHLD,AL		\$ 1,400	Yes	FLM
007818-002	Q1118S1001, FLANGE/AIR SHLD,SS		\$ 2,100	Yes	FLM
007819-002	W6300B1003,INSPECTOR CONNECTOR		\$ 910	Yes	FLM
007912-010	RESTRICTOR PLATE,10 DEG. FOV		\$ 29	Yes	FLM
007912-020	RESTRICTOR PLATE,20 DEG. FOV		\$ 29	Yes	FLM
007912-030	RESTRICTOR PLATE,30 DEG. FOV		\$ 29	Yes	FLM
007918-002	EQ3710PW,AIM		\$ 3,200	Yes	SYS
007918-003	EQ3710DW,AIM		\$ 3,200	Yes	SYS
007918-012	EQ3710PT,AIM,SIL2,PANEL MOUNT		\$ 3,600	Yes	SYS
007918-013	EQ3710DT,AIM,SIL2,DIN MOUNT		\$ 3,600	Yes	SYS
007918-802	EQ3710PK,AIM,PANEL MNT,KAZ		\$ 3,200	Yes	SYS
007918-803	EQ3710DK,AIM,DIN MNT,KAZ		\$ 3,200	Yes	SYS
007918-812	EQ3710PSK,AIM,PNL MNT,KAZ,SIL		\$ 3,600	Yes	SYS
007918-813	EQ3710DSK,AIM,DIN MNT,KAZ,SIL		\$ 3,600	Yes	SYS
007941-001	EQ2220GFM,GRND FLT MONITOR,EQP		\$ 790	Yes	SYS
007941-851	EQ2220GFMK,KAZAKHSTAN,EQP		\$ 790	Yes	SYS
008054-001	C7050B,SS LENS CAP/BODY ASSY		\$ 1,600	Yes	FLM
008056-001	HIM,HART INTERFACE MODULE, EQP		\$ 340	Yes	SYS
008082-001	MAGNET AND ADAPTER		\$ 190	Yes	FLM
008090-001	J-BOX,3/4NPT,2-PRT "L",AL,MACH		\$ 390	Yes	GAS
008090-503	J-BOX,3/4NPT,5-PORT ,AL,MACH		\$ 390	Yes	GAS
008426-001	X2200A4N23B2 FLAME DETECTOR	AL,3/4,HART/RLY/4-20,EX D,BRAZ	\$ 6,000	Yes	FLM
008506-001	X5200S4N11W2 FLAME DETECTOR	316 SS 3/4NPT RELAY	\$ 6,800	Yes	FLM
008512-001	X5200A4N13W2 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,900	Yes	FLM
008700-001	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-002	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-003	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-005	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-006	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-007	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-011	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008700-013	X9800A4N11W1 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008701-001	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-002	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-005	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-006	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-007	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-008	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-010	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-011	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-012	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008701-013	X9800A4M11W1 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008702-001	X9800S4N11W1 FLAME DETECTOR	316 SS 3/4NPT RELAY	\$ 5,900	Yes	FLM
008703-001	X9800S4M11W1 FLAME DETECTOR	316 SS M25 RELAY	\$ 5,900	Yes	FLM
008704-001	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008704-002	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008704-003	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008704-004	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008704-005	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008704-007	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
008704-009	X9800A4N11W2 FLAME DETECTOR	AL 3/4NPT RELAY	\$ 4,900	Yes	FLM
008705-001	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-001-NF	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-002	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-003	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-004	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-004-NF	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-005	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-006	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-007	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-008	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008705-010	X9800A4M11W2 FLAME DETECTOR	AL M25 RELAY	\$ 4,900	Yes	FLM
008706-001	X9800S4N11W2 FLAME DETECTOR	316 SS 3/4NPT RELAY	\$ 5,900	Yes	FLM
008707-001	X9800S4M11W2 FLAME DETECTOR	316 SS M25 RELAY	\$ 5,900	Yes	FLM
008707-002	X9800S4M11W2 FLAME DETECTOR	316 SS M25 RELAY	\$ 5,900	Yes	FLM
008707-006	X9800S4M11W2 FLAME DETECTOR	316 SS M25 RELAY	\$ 5,900	Yes	FLM
008707-007	X9800S4M11W2 FLAME DETECTOR	316 SS M25 RELAY	\$ 5,900	Yes	FLM
008708-001	X9800A4N13W1 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008708-002	X9800A4N13W1 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008708-004	X9800A4N13W1 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008708-006	X9800A4N13W1 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008708-013	X9800A4N13W1 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008709-001	X9800A4M13W1 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008709-002	X9800A4M13W1 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008709-003	X9800A4M13W1 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008709-006	X9800A4M13W1 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008709-013	X9800A4M13W1 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008711-001	X9800S4M13W1 FLAME DETECTOR	SS M25 RELAY/4-20	\$ 6,000	Yes	FLM
008711-004	X9800S4M13W1 FLAME DETECTOR	SS M25 RELAY/4-20	\$ 6,000	Yes	FLM
008711-006	X9800S4M13W1 FLAME DETECTOR	SS M25 RELAY/4-20	\$ 6,000	Yes	FLM
008712-001	X9800A4N13W2 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008712-002	X9800A4N13W2 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008712-006	X9800A4N13W2 FLAME DETECTOR	AL 3/4NPT RELAY/4-20	\$ 5,100	Yes	FLM
008713-001	X9800A4M13W2 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008713-002	X9800A4M13W2 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008713-003	X9800A4M13W2 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008713-005	X9800A4M13W2 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008713-006	X9800A4M13W2 FLAME DETECTOR	AL M25 RELAY/4-20	\$ 5,100	Yes	FLM
008715-001	X9800S4M13W2 FLAME DETECTOR	316 SS M25 RELAY/4-20	\$ 6,000	Yes	FLM
008716-001	X9800A4N14W1 FLAME DETECTOR	AL 3/4NPT EQP	\$ 5,100	Yes	FLM
008717-001	X9800A4M14W1 FLAME DETECTOR	AL M25 EQP	\$ 5,100	Yes	FLM
008718-001	X9800S4N14W1 FLAME DETECTOR	SS 3/4NPT EQP	\$ 6,000	Yes	FLM
008719-001	X9800S4M14W1 FLAME DETECTOR	SS M25 EQP	\$ 6,000	Yes	FLM
008720-001	X9800A4N14W2 FLAME DETECTOR	AL 3/4NPT EQP	\$ 5,100	Yes	FLM
008721-001	X9800A4M14W2 FLAME DETECTOR	AL M25 EQP	\$ 5,100	Yes	FLM
008722-001	X9800S4N14W2 FLAME DETECTOR	SS 3/4NPT EQP	\$ 6,000	Yes	FLM
008723-001	X9800S4M14W2 FLAME DETECTOR	SS M25 EQP	\$ 6,000	Yes	FLM
008724-001	X9800A4N15W1 FLAME DETECTOR	AL 3/4NPT PULSE	\$ 5,100	Yes	FLM
008724-006	X9800A4N15W1 FLAME DETECTOR	AL 3/4NPT PULSE	\$ 5,100	Yes	FLM
008726-001	X9800S4N15W1 FLAME DETECTOR	316 SS 3/4NPT PULSE	\$ 6,000	Yes	FLM
008727-001	X9800S4M15W1 FLAME DETECTOR	316 SS M25 PULSE	\$ 6,000	Yes	FLM
008728-001	X9800A4N15W2 FLAME DETECTOR	AL 3/4NPT PULSE	\$ 5,100	Yes	FLM
008729-001	X9800A4M15W2 FLAME DETECTOR	AL M25 PULSE	\$ 5,100	Yes	FLM
008729-003	X9800A4M15W2 FLAME DETECTOR	AL M25 PULSE	\$ 5,100	Yes	FLM
008729-009	X9800A4M15W2 FLAME DETECTOR	AL M25 PULSE	\$ 5,100	Yes	FLM
008730-001	X9800S4N15W2 FLAME DETECTOR	316 SS 3/4NPT PULSE	\$ 6,000	Yes	FLM
008731-001	X9800S4M15W2 FLAME DETECTOR	316 SS M25 PULSE	\$ 6,000	Yes	FLM
008740-001	X9800A4M11R1 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 4,900	Yes	FLM
008742-001	X9800A4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 4,900	Yes	FLM
008742-006	X9800A4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 4,900	Yes	FLM
008742-007	X9800A4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 4,900	Yes	FLM
008744-001	X9800A4M13R1 FLAME DETECTOR	AL,M25,RLY/4-20,RUSSIAN	\$ 5,100	Yes	FLM

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
008745-001	X9800S4M13R1 FLAME DETECTOR	SS,M25,RLY/4-20,RUSSIAN	\$ 6,000	Yes	FLM
008746-001	X9800A4M13R2 FLAME DETECTOR	AL,M25,RLY/4-20,RUSSIAN	\$ 5,100	Yes	FLM
008747-001	X9800S4M13R2 FLAME DETECTOR	SS,M25,RLY/4-20,RUSSIAN	\$ 6,000	Yes	FLM
008764-001	X9800A4M11U2 FLAME DETECTOR	AL/RD,M25,RLY,UKR	\$ 4,900	Yes	FLM
008764-007	X9800A4M11U2 FLAME DETECTOR	AL/RD,M25,RLY,UKR	\$ 4,900	Yes	FLM
008764-010	X9800A4M11U2 FLAME DETECTOR	AL/RD,M25,RLY,UKR	\$ 4,900	Yes	FLM
008766-001	X9800A4M13U1 FLAME DETECTOR	AL/RD,M25,4-20/RLY,UKR	\$ 5,100	Yes	FLM
008767-001	X9800S4M13U1 FLAME DETECTOR	SS,M25,4-20/RLY,UKR	\$ 6,000	Yes	FLM
008768-001	X9800A4M13U2 FLAME DETECTOR	AL/RD,M25,4-20/RLY,UKR	\$ 5,100	Yes	FLM
008769-001	X9800S4M13U2 FLAME DETECTOR	SS,M25,4-20/RLY,UKR	\$ 6,000	Yes	FLM
008770-001	X9800A4M14R1 FLAME DETECTOR	AL, M25, LON, EXDE, RUSSIAN	\$ 5,100	Yes	FLM
008772-001	X9800A4M14R2 FLAME DETECTOR	AL, M25, LON, EXD, RUSSIAN	\$ 5,100	Yes	FLM
008774-001	X9800A4N23W1 FLAME DETECTOR	AL 3/4NPT HART EEX DE	\$ 5,500	Yes	FLM
008777-001	X9800S4M23W1 FLAME DETECTOR	SS M25 HART EEX DE	\$ 6,500	Yes	FLM
008778-001	X9800A4N23W2 FLAME DETECTOR	AL 3/4NPT HART EEX D	\$ 5,500	Yes	FLM
008781-001	X9800S4M23W2 FLAME DETECTOR	SS M25 HART EX D	\$ 6,500	Yes	FLM
008781-001-NF	X9800S4M23W2 FLAME DETECTOR	SS M25 HART EX D	\$ 6,500	Yes	FLM
008794-001	X9800A4M23R1 FLAME DETECTOR		\$ 5,500	Yes	FLM
008796-001	X9800A4M23R2 FLAME DETECTOR	HIIR,AX=NO QK,FOLLOWS	\$ 5,500	Yes	FLM
008798-001	X9800A4N14R1 FLAME DETECTOR	AL,3/4 NPT, LON, EXDE, RUSSIAN	\$ 5,100	Yes	FLM
008800-001	X9800A4N13T1 FLAME DETECTOR	AL 3/4NPT RLY/4-20,EX D E	\$ 5,100	Yes	FLM
008800-013	X9800A4N13T1 FLAME DETECTOR	AL 3/4NPT RLY/4-20,EX D E	\$ 5,100	Yes	FLM
008801-001	X9800A4M13T1 FLAME DETECTOR	AL M25 RLY/4-20,EX D E	\$ 5,100	Yes	FLM
008801-002	X9800A4M13T1 FLAME DETECTOR	AL M25 RLY/4-20,EX D E	\$ 5,100	Yes	FLM
008801-003	X9800A4M13T1 FLAME DETECTOR	AL M25 RLY/4-20,EX D E	\$ 5,100	Yes	FLM
008802-001	X9800S4N13T1 FLAME DETECTOR	SS 3/4NPT RLY/4-20,EX D E	\$ 6,000	Yes	FLM
008803-001	X9800S4M13T1 FLAME DETECTOR	SS M25 RLY/4-20,EX D E	\$ 6,000	Yes	FLM
008804-001	X9800A4N13T2 FLAME DETECTOR	AL 3/4NPT RLY/4-20,EX D	\$ 5,100	Yes	FLM
008804-002	X9800A4N13T2 FLAME DETECTOR	AL 3/4NPT RLY/4-20,EX D	\$ 5,100	Yes	FLM
008804-005	X9800A4N13T2 FLAME DETECTOR	AL 3/4NPT RLY/4-20,EX D	\$ 5,100	Yes	FLM
008805-001	X9800A4M13T2 FLAME DETECTOR	AL M25 RLY/4-20,EX D	\$ 5,100	Yes	FLM
008805-003	X9800A4M13T2 FLAME DETECTOR	AL M25 RLY/4-20,EX D	\$ 5,100	Yes	FLM
008806-001	X9800S4N13T2 FLAME DETECTOR	SS 3/4NPT RLY/4-20,EX D	\$ 6,000	Yes	FLM
008807-001	X9800S4M13T2 FLAME DETECTOR	SS M25 RLY/4-20,EX D	\$ 6,000	Yes	FLM
008808-001	X9800A4N23T1 FLAME DETECTOR	AL 3/4NPT RLY/4-20/HART,EX D E	\$ 5,500	Yes	FLM
008809-001	X9800A4M23T1 FLAME DETECTOR	AL M25 RLY/4-20/HART,EX D E	\$ 5,500	Yes	FLM
008810-001	X9800S4N23T1 FLAME DETECTOR	SS 3/4NPT RLY/4-20/HART,EX D E	\$ 6,500	Yes	FLM
008811-001	X9800S4M23T1 FLAME DETECTOR	SS M25 RLY/4-20/HART,EX D E	\$ 6,500	Yes	FLM
008812-001	X9800A4N23T2 FLAME DETECTOR	AL 3/4NPT RLY/4-20/HART,EX D	\$ 5,500	Yes	FLM
008813-001	X9800A4M23T2 FLAME DETECTOR	AL M25 RLY/4-20/HART,EX D	\$ 5,500	Yes	FLM
008814-001	X9800S4N23T2 FLAME DETECTOR	SS 3/4NPT RLY/4-20/HART,EX D	\$ 6,500	Yes	FLM
008815-001	X9800S4M23T2 FLAME DETECTOR	SS M25 RLY/4-20/HART,EX D	\$ 6,500	Yes	FLM
008945-007	PIRDUCTB2W2	M25,4-20,QUAD,W/HYDRO FILTER	\$ 9,200	Yes	GAS
008945-008	PIRDUCTA2W1	3/4,4-20,QUAD,W/HYDRO FILTER	\$ 9,200	Yes	GAS
008945-011	PIRDUCTA2W5	3/4,4-20,QUAD,W/HYDRO FILTER	\$ 8,500	Yes	GAS
008945-012	PIRDUCTB2W5	M25,4-20,QUAD,W/HYDRO FILTER	\$ 8,500	Yes	GAS
008981-001	CABLE,CONTROLLER,HSSL,EQP		\$ 310	Yes	SYS
008982-001	EQ3LTM REDUNDANT EQP		\$ 350	Yes	SYS
009117-001	BATTERY CHARGER,120VAC ,W867		\$ 410	Yes	FLM
009170-001	COVER REMOVAL TOOL, PIR9400		\$ 330	Yes	GAS
009171-001	ASSY, CGS SAMPLE DRAW FLOW CUP	ALUMINUM	\$ 420	Yes	GAS
009174-002	EQ3730PW,EDIO		\$ 4,000	Yes	SYS
009174-003	EQ3730DW,EDIO		\$ 4,000	Yes	SYS
009174-012	EQ3730PT,EDIO SIL2,PANEL MOUNT		\$ 4,500	Yes	SYS
009174-013	EQ3730DT,EDIO SIL2,DIN RAIL		\$ 4,500	Yes	SYS
009174-853	EQ3730DK EDIO,DIN RAIL MNT,KAZ		\$ 3,600	Yes	SYS
009174-903	EQ3730DR EDIO,DIN RAIL MNT,RUS		\$ 4,000	Yes	SYS
009174-913	EQ3730DSR,EDIO SIL2, RUSSIAN	DIN RAIL MOUNT	\$ 4,500	Yes	SYS
009177-001	Q1120A1001, ASSY PAINT SHIELD	RETAINER RING	\$ 210	Yes	FLM
009180-001	PIR9400S MIRRORHEAD REPLACMNT	INCL NEW MIRRORHD, CAP, SCREWS	\$ 810	Yes	GAS
009183-002	EQ2457PLR,PHYS LAYER REPEAT,EQ		\$ 3,200	Yes	SYS
009183-003	EQ2463PLR,PHYS LAYER REPEAT,EQ		\$ 3,800	Yes	SYS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
009183-004	EQ2467PLR,PHYS LAYER REPEAT,EQ		\$ 3,800	Yes	SYS
009183-005	EQ24EMPLR,PHYS LAYER REPEAT,EQ		\$ 2,500	Yes	SYS
009192-001	COVER,CAL PORT TETHERED CLEAR	PIRECL AND PIR9400	\$ 7	Yes	SYS
009199-001	Q1198A1001,AIR SHIELD/FLANGE M	FINAL ASSY,X9800,AIRSHLD	\$ 1,300	Yes	FLM
009207-001	ENH FLAME INSPECTOR CD		\$ 730	Yes	FLM
009208-001	OI REPLACEMENT KIT, X3301		\$ 1,300	Yes	FLM
009208-002	OI REPLACEMENT KIT,X22/X52/X98		\$ 1,300	Yes	FLM
009208-003	OI REPLACEMENT KIT,X3302		\$ 1,300	Yes	FLM
009246-001	LOW RANGE GAS TEST CELL, OPECL		\$ 1,700	Yes	GAS
009246-002	HIGH RANGE GAS TEST CELL,OPECL		\$ 1,700	Yes	GAS
009246-003	GAS TEST CELL, LS2000	METHANE, ISO, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-004	GAS TEST CELL, LS2000, 0.11M	METHANE, IEC, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-005	GAS TEST CELL, LS2000, 0.053M	PROPANE, ISO, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-006	GAS TEST CELL, LS2000, 0.043M	PROPANE, IEC, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-007	GAS TEST CELL, LS2000, 0.048M	BUTANE, ISO, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-008	GAS TEST CELL, LS2000, 0.035M	BUTANE, IEC, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-009	GAS TEST CELL,LS2000,.05,ISO	METHANE, ISO, 1 LEL-M	\$ 1,600	Yes	GAS
009246-010	GAS TEST CELL,LS2000,.0675,ISO	ETHYLENE, ISO, 2.5 LEL-M	\$ 1,600	Yes	GAS
009246-911	GAS TESTCEL,LS2000,0.0575M,RUS	ETHYLENE, IEC, 2.5 LEL-M, RU	\$ 1,600	Yes	GAS
009274-001	TUBE, CORRUGATED,FEP TEFLON 5"		\$ 110	Yes	GAS
009274-002	TUBE, CORRUGATED,FEP TEFLON 8"		\$ 160	Yes	GAS
009471-304	GTSC210PNES,CL2,0-10	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-305	GTSNH3100PNES,NH3,0-100	SENSOR MODULE	\$ 1,200	Yes	GAS
009471-306	GTSNH3500PNES,NH3 0-500	SENSOR MODULE	\$ 1,200	Yes	GAS
009471-308	GTSH21000PNES,H2,0-1000	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-309	GTSO225VSES,O2 0-25%	SENSOR MODULE	\$ 840	Yes	GAS
009471-310	GTSCO100PNES,CO,0-100	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-311	GTSCO500PNES,CO,0-500	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-313	GTSSO2+20PNES,SO2+ 0-20	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-314	GTSSO2+100PNES,SO2+ 0-100	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-316	GTSNO220PNES,NO2,0-20	SENSOR MODULE	\$ 1,100	Yes	GAS
009471-341	GTSH2S+20PSEE,H2S+ 0-20	SENSOR MODULE	\$ 990	Yes	GAS
009471-342	GTSH2S+50PSEE,H2S+ 0-50	SENSOR MODULE	\$ 990	Yes	GAS
009471-343	GTSH2S+100PSES,H2S+,0-100	SENSOR MODULE	\$ 840	Yes	GAS
009471-344	GTSH2S+100PSEE,H2S,0-100	SENSOR MODULE	\$ 990	Yes	GAS
009471-509	GTSO225VTD,SENSOR MOD,O2,0-25	Deviation Required per 31-1019	\$ 990	Yes	GAS
009471-601	GTSH2S+20PSPE,H2S,0-20	SENSOR MODULE,BRAZIL	\$ 990	Yes	GAS
009471-602	GTSH2S+50PSPE,H2S,0-50	SENSOR MODULE,BRAZIL	\$ 990	Yes	GAS
009471-603	GTSH2S+100PSPE,H2S,0-100	SENSOR MODULE,BRAZIL	\$ 990	Yes	GAS
009471-604	GTSH2S+100SPS,H2S,0-100	SENSOR MODULE,BRAZIL	\$ 840	Yes	GAS
009471-605	GTSC210PNPS,CL2,0-10	SENSOR MODULE,BRAZIL	\$ 1,100	Yes	GAS
009471-606	GTSNH3100PNPS,NH3,0-100	SENSOR MODULE,BRAZIL	\$ 1,200	Yes	GAS
009471-607	GTSNH3500PNPS,NH3,0-500	SENSOR MODULE,BRAZIL	\$ 1,200	Yes	GAS
009471-608	GTSO225VSPS,O2,0-25%	SENSOR MODULE,BRAZIL	\$ 840	Yes	GAS
009471-609	GTSCO100PNPS,CO,0-100	SENSOR MODULE,BRAZIL	\$ 1,100	Yes	GAS
009471-610	GTSCO500PNPS,CO,0-500	SENSOR MODULE,BRAZIL	\$ 1,100	Yes	GAS
009471-611	GTSH21000PNPS,SENSOR,H2,0-1000	INMETRO APPROVED	\$ 1,100	Yes	GAS
009471-812	GTSH2S+20PSCE,H2S,0-20	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-813	GTSH2S+50PSCE,H2S,0-50	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-814	GTSH2S+100PSCE,H2S,0-100	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-815	GTSH2S+100PSCS,H2S,0-100	SENSOR MODULE,CHINA	\$ 930	Yes	GAS
009471-816	GTSO225VSCS,O2,0-25%	SENSOR MODULE,CHINA	\$ 930	Yes	GAS
009471-817	GTSCO100PNCS,CO,0-100	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-818	GTSCO500PNCS,CO,0-500	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-819	GTSSO2+20PNCS,SO2,0-20	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-820	GTSSO2+100PNCS,SO2,0-100	SENSOR MODULE,CHINA	\$ 1,100	Yes	GAS
009471-859	GTSO225VK,SENSOR MOD,O2,0-25%	KAZAKHSTAN APPROVAL	\$ 840	Yes	GAS
009471-860	GTSH2S+20PSKE,H2S,0-20	SENSOR MODULE,KAZAKHSTAN	\$ 990	Yes	GAS
009471-861	GTSH2S+50PSKE,H2S,0-50	SENSOR MODULE,KAZAKHSTAN	\$ 990	Yes	GAS
009471-862	GTSH2S+100PSKE,H2S,0-100	SENSOR MODULE,KAZAKHSTAN	\$ 990	Yes	GAS
009471-863	GTSH2S+100PSKS,H2S,0-100	SENSOR MODULE,KAZAKHSTAN	\$ 840	Yes	GAS
009471-864	GTSH21000PNKS,H2,0-1000	SENSOR MODULE,KAZAKHSTAN	\$ 1,100	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
009471-909	GTSO225VR, SENSOR, O2, 0-25%	RUSSIAN APPROVED	\$ 840	Yes	GAS
009471-944	GTSH2S+20PSRE,H2S,0-20	SENSOR MODULE,RUSSIA	\$ 990	Yes	GAS
009471-945	GTSH2S+50PSRE,H2S,0-50	SENSOR MODULE,RUSSIA	\$ 990	Yes	GAS
009471-946	GTSH2S+100PSRE,H2S,0-100	SENSOR MODULE,RUSSIA	\$ 990	Yes	GAS
009471-947	GTSH2S+100PSRS,H2S,0-100	SENSOR MODULE,RUSSIA	\$ 840	Yes	GAS
009471-949	GTSNH3100PNRS,NH3,0-100	SENSOR MODULE,RUSSIA	\$ 1,200	Yes	GAS
009471-951	GTSCO100PNRS,CO,0-100	SENSOR MODULE,RUSSIA	\$ 1,100	Yes	GAS
009471-952	GTSCO500PNRS,CO,0-500	SENSOR MODULE,RUSSIA	\$ 1,100	Yes	GAS
009471-953	GTSH21000PNRS,H2,0-1000	SENSOR MODULE,RUSSIA	\$ 1,100	Yes	GAS
009480-305	GTXSN26B5 TRANSMITTER,3/4,EXP	INMETRO	\$ 860	Yes	GAS
009480-306	GTXSM26B5 TRANSMITTER,M25,EXP	INMETRO	\$ 860	Yes	GAS
009480-321	GTXSN26N4 TRANSMITTER,3/4,I/S	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-322	GTXSM26N4 TRANSMITTER,M25,I/S	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-323	GTXSN26N5 TRANSMITTER,3/4,EXP	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-324	GTXSM26N5 TRANSMITTER,M25,EXP	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-325	GTXSN29N4 TRANSMITTER,3/4,IS	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-326	GTXSM29N4 TRANSMITTER,M25,IS	FM/CSA/IECEX	\$ 860	Yes	GAS
009480-327	GTXSN29N5 TRANSMITTER,3/4,EXP	FM/CSA/IECEX	\$ 870	Yes	GAS
009480-805	GTXSN26Y4 TRANSMITTER,3/4,IS	CHINA APPROVED	\$ 950	Yes	GAS
009480-806	GTXSM26Y4 TRANSMITTER,M25,IS	CHINA APPROVED	\$ 950	Yes	GAS
009480-866	GTXSM26SK5 TRANSMITTER,M25,EXP	KAZAKHSTAN	\$ 860	Yes	GAS
009480-902	GTXSM26R4 TX,M25,IS,RUSSIAN		\$ 860	Yes	GAS
009480-905	GTXSN26R4 TRANSMITTER,3/4,IS	RUSSIAN APPROVED	\$ 860	Yes	GAS
009480-906	GTXSM26R4 TRANSMITTER,M25,IS	RUSSIAN APPROVED	\$ 860	Yes	GAS
009480-907	GTXSN26R5 TRANSMITTER,3/4,EXP	RUSSIAN APPROVED	\$ 860	Yes	GAS
009480-908	GTXSM26R5 TRANSMITTER,M25,EXP	RUSSIAN APPROVED	\$ 860	Yes	GAS
009640-001	GTS SENSOR MOD., FILTER		\$ 94	Yes	GAS
009700-001	MAGNETIC TOOL		\$ 73	Yes	GAS
009702-001	W8067B1002 BTRY WAS 103154-002		\$ 240	Yes	FLM
009737-001	GTS CALIBRATION CUP ASSEMBLY		\$ 200	Yes	GAS
009791-001	UD20A5M26W2 DISPLAY AL M25 EXD		\$ 1,300	Yes	GAS
009791-002	UD20A5N26W2 DISPLAY AL 3/4 EXD		\$ 1,300	Yes	GAS
009791-003	UD20S5M26W2 DISPLAY SS M25 EXD		\$ 2,100	Yes	GAS
009791-004	UD20S5N26W2 DISPLAY SS 3/4 EXD		\$ 2,100	Yes	GAS
009791-005	UD20A5M26W4 DISPLAY, IS	AL, M25, IS	\$ 1,300	Yes	GAS
009791-006	UD20A5N26W4 DISPLAY, IS	AL, 3/4, IS	\$ 1,300	Yes	GAS
009791-007	UD20S5M26W4 DISPLAY, IS	SS, M25, IS	\$ 2,100	Yes	GAS
009791-008	UD20S5N26W4 DISPLAY, IS	SS, 3/4, IS	\$ 2,100	Yes	GAS
009791-081	UD20A5M26B2 DISPLAY, BRAZIL	AL,M25,EXD	\$ 1,300	Yes	GAS
009791-082	UD20A5N26B2 DISPLAY, BRAZIL	AL,3/4,EXD	\$ 1,300	Yes	GAS
009791-083	UD20S5M26B2 DISPLAY, BRAZIL	SS,M25,EXD	\$ 2,100	Yes	GAS
009791-084	UD20S5N26B2 DISPLAY, BRAZIL	SS,3/4,EXD	\$ 2,100	Yes	GAS
009791-901	UD20A5M26R2 DISPLAY,RUSSIAN	AL,M25,EXD	\$ 1,300	Yes	GAS
009791-902	UD20A5N26R2 DISPLAY,RUSSIAN	AL,3/4NPT,EXD	\$ 1,300	Yes	GAS
009791-903	UD20S5M26R2 DISPLAY,RUSSIAN	316 SS,M25,EXD	\$ 2,100	Yes	GAS
009791-904	UD20S5N26R2 DISPLAY,RUSSIAN	316 SS,3/4NPT,EXD	\$ 2,100	Yes	GAS
009793-002	UD20 DISPLAY MODULE		\$ 1,100	Yes	GAS
009862-001	PIRECL MODULE, 4-20	NON-SIL	\$ 2,700	Yes	GAS
009862-001P	PIRECL MODULE, 4-20,PROPANE	NON-SIL	\$ 2,700	Yes	GAS
009862-002	PIRECL MODULE, LON	NON-SIL	\$ 2,800	Yes	GAS
009862-003	PIRECL MODULE, 4-20,SIL		\$ 2,700	Yes	GAS
009862-004	PIRECL MODULE, LON,SIL		\$ 2,800	Yes	GAS
009862-005	PIRECL FR MODULE, 4-20,SIL		\$ 2,700	Yes	GAS
009862-006	PIRECL FR MODULE, LON, SIL		\$ 2,800	Yes	GAS
009862-901	PIRECL MODULE, 4-20,RUSSIAN	NON-SIL	\$ 2,700	Yes	GAS
009862-902	PIRECL MODULE, LON,RUSSIAN	NON-SIL	\$ 2,800	Yes	GAS
009862-903	PIRECL MODULE,4-20,SIL,RUSSIAN		\$ 2,700	Yes	GAS
009862-904	PIRECL MODULE,LON,SIL,RUSSIAN		\$ 2,800	Yes	GAS
009931-001	Q900C1001 DUCT MNT KIT ,PIRECL	(PIRECL ECLIPSE NOT INCLUDED)	\$ 2,200	Yes	GAS
009931-002	Q900C1001-1 DUCT MNT KIT	1FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-003	Q900C1001-3 DUCT MNT KIT	3FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-004	Q900C1001-6 DUCT MNT KIT	6FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
009931-005	Q900C1001-10 DUCT MNT KIT	10FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-006	Q900C1001-13 DUCT MNT KIT	13FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-901	Q900C1001-R DUCT MN KIT,RUSSIA	(PIRECL ECLIPSE NOT INCLUDED)	\$ 2,200	Yes	GAS
009931-902	Q900C1001-R-1 DUCT MNT KIT	1FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-903	Q900C1001-R-3 DUCT MNT KIT	3FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-904	Q900C1001-R-6 DUCT MNT KIT	6FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-905	Q900C1001-R-10 DUCT MNT KIT	10FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009931-906	Q900C1001-R-13 DUCT MNT KIT	13FT INLET TUBE INCLUDED	\$ 2,200	Yes	GAS
009934-003	DIODE REDUNDANCY MOD W/MTG BKT		\$ 1,400	Yes	SYS
009934-004	DIODE REDUNDANCY MOD DIN-RAIL		\$ 890	Yes	SYS
009997-002	12VBATT CHARGER	UNIVER CORDS	\$ 500	Yes	FLM
010101-060	FS TRAVEL PER HOUR	FIELD SERVICE	\$ 200	No	SVC
010101-100	FS PER HOUR	FIELD SERVICE	\$ 285	Yes	SVC
010101-150	FS TIME AND A HALF	FIELD SERVICE	\$ 428	Yes	SVC
010101-200	FS DOUBLE TIME	FIELD SERVICE	\$ 570	Yes	SVC
010101-300	FS RENTAL EQUIPMENT FEE	FIELD SERVICE	\$ 1,000	No	SVC
010101-301	FS RENTAL EQUIPMENT JFFS	FIELD SERVICE	\$ 2,500	No	SVC
010195-001	PIRECLA1D1W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-001E	PIRECLA1D1W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-001P	PIRECLA1D1W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-002	PIRECLB1D1W1 GAS DETECTOR	M25,4/20,NO ALRM,W/HYD,QUAD	\$ 5,400	Yes	GAS
010195-005	PIRECLA1E1W2 GAS DETECTOR	3/4,4-20,W/RLY,W/HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-005B	PIRECLA1E1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-005E	PIRECLA1E1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-005P	PIRECLA1E1W2 GAS DETECTOR	3/4,4-20,W/RELY,W/HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-006	PIRECLB1E1W2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-006P	PIRECLB1E1W2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,QUAD	\$ 6,000	Yes	GAS
010195-007	PIRECLA1E2W2 GAS DETECTOR	3/4,4-20,W/RELAY,W/OHYD,QUAD	\$ 6,000	Yes	GAS
010195-010	PIRECLA1D3W1 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYD,QUAD	\$ 5,400	Yes	GAS
010195-012	PIRECLA4D1W1 GAS DETECTOR	3/4,EQP, ,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-012P	PIRECLA4D1W1 GAS DETECTOR	3/4,EQP, ,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-016	PIRECLA4D3W1 GAS DETECTOR	3/4,EQP,DUCT-RDY,W/HDRQ,QUAD	\$ 5,600	Yes	GAS
010195-020	PIRECLA1D1B2 GAS DETECTOR		\$ 5,400	Yes	GAS
010195-022	PIRECLA1D5W1 GAS DETECTOR	3/4,4/20,W/O RLY,NOWTHR,QUAD	\$ 5,300	Yes	GAS
010195-023	PIRECLA1E5W2 GAS DETECTOR	3/4,4/20,W/ RLY,NOWTHR,QUAD	\$ 5,900	Yes	GAS
010195-038	PIRECLA1E3W2 GAS DETECTOR	3/4,4-20,W/RELAY,W/ HYD,QUADUT	\$ 6,000	Yes	GAS
010195-040	PIRECLB1D3W1 GAS DETECTOR	M25,4/20,W/O RLY,W/ HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-041	PIRECLA1D1W2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-041B	PIRECLA1D1W2 GAS DETECTOR		\$ 5,400	Yes	GAS
010195-041E	PIRECLA1D1W2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-041P	PIRECLA1D1W2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-042	PIRECLA1D3W2 GAS DETECTOR	3/4,4-20,W/O RLY,1/16HYD,QUAD	\$ 5,400	Yes	GAS
010195-043	PIRECLA4D1W2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-043E	PIRECLA4D1W2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-043P	PIRECLA4D1W2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-044	PIRECLA4D1W2 GAS DETECTOR	3/4,EQP,W/O RLY,1/16 HYD,QUAD	\$ 5,600	Yes	GAS
010195-045	PIRECLB1D1W2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-045P	PIRECLB1D1W2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,QUAD	\$ 5,400	Yes	GAS
010195-046	PIRECLB1D3W2 GAS DETECTOR	M25,4-20,W/O RLY,1/16HYD,QUAD	\$ 5,400	Yes	GAS
010195-047	PIRECLB4D1W2 GAS DETECTOR	M25,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-047P	PIRECLB4D1W2 GAS DETECTOR	M25,EQP,W/O RLY,W/ HYDRO,QUAD	\$ 5,600	Yes	GAS
010195-051	PIRECLA4D1B2 GAS DETECTOR		\$ 5,600	Yes	GAS
010195-055	PIRECLB4D5W2 GAS DETECTOR	M25,EQP,W/O RLY,NO WTHR,QUAD	\$ 5,500	Yes	GAS
010195-101	PIRECLA1D1Y1 GAS DETECTOR	3/4 4/20 W/O RLY HYDRO CHINA	\$ 4,300	Yes	GAS
010195-105	PIRECLA1E1Y2 GAS DETECTOR	3/4,4-20,W/ RLY,W/ HYDRO,CHINA	\$ 4,800	Yes	GAS
010195-106	PIRECLB1E1Y2 GAS DETECTOR	M25,4-20,W/ RLY,W/HYDRO,CHINA	\$ 4,800	Yes	GAS
010195-112	PIRECLA4D1Y1 GAS DETECTOR	3/4 EQP HYDRO CHINA	\$ 4,300	Yes	GAS
010195-141	PIRECLA1D1Y2 GAS DETECTOR	3/4,4-20,W/O RLY,W/HYDRO,CHINA	\$ 4,300	Yes	GAS
010195-143	PIRECLA4D1Y2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,CHINA	\$ 4,300	Yes	GAS
010195-145	PIRECLB1D1Y2 GAS DETECTOR	M25,4-20,W/O RLY,W/HYDRO,CHINA	\$ 4,300	Yes	GAS
010195-147	PIRECLB4D1Y2 GAS DETECTOR	M25,EQP,W/O RLY,W/ HYDRO,CHINA	\$ 4,300	Yes	GAS
010195-201	PIRECLA1D1T1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,SIL	\$ 5,400	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
010195-201E	PIRECLA1D1T1 GAS DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,SIL	\$ 5,400	Yes	GAS
010195-202	PIRECLB1D1T1 GAS DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 5,400	Yes	GAS
010195-203	PIRECLA1D2T1 GAS DETECTOR	3/4,4-20,W/O RLY,W/O HYD,SIL	\$ 5,400	Yes	GAS
010195-204	PIRECLB1D2T1 GAS DETECTOR	M25,4-20,W/O RLY,W/O HYD,SIL	\$ 5,400	Yes	GAS
010195-205	PIRECLA1E1T2 GAS DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 6,000	Yes	GAS
010195-205P	PIRECLA1E1T2 GAS DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 6,000	Yes	GAS
010195-206	PIRECLB1E1T2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 6,000	Yes	GAS
010195-206B	PIRECLB1E1T2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 6,000	Yes	GAS
010195-206P	PIRECLB1E1T2 GAS DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 6,000	Yes	GAS
010195-210	PIRECLA1D3T1 GAS DETECTOR	3/4,4/20,DUCT,W/ HYDRO,SIL	\$ 5,400	Yes	GAS
010195-210P	PIRECLA1D3T1 GAS DETECTOR	3/4,4/20,DUCT,W/ HYDRO,SIL	\$ 5,400	Yes	GAS
010195-212	PIRECLA4D1T1 GAS DETECTOR EQP	3/4,EQP,W/ HYDRO,SIL	\$ 6,200	Yes	GAS
010195-213	PIRECLB4D1T1 GAS DETECTOR EQP	M25,EQP,W/ HYDRO,SIL	\$ 6,200	Yes	GAS
010195-213P	PIRECLB4D1T1 GAS DETECTOR EQP	M25,EQP,W/ HYDRO,SIL	\$ 6,200	Yes	GAS
010195-214	PIRECLA4D2T1 GAS DETECTOR EQP	3/4,EQP,W/O HYDRO,SIL	\$ 6,200	Yes	GAS
010195-215	PIRECLB4D2T1 GAS DETECTOR EQP	M25,EQP,W/O HYDRO,SIL	\$ 6,200	Yes	GAS
010195-216	PIRECLA4D3T1 GAS DETECTOR EQP	3/4,EQP,DUCT,W/ HYDRO, SIL	\$ 6,200	Yes	GAS
010195-217	PIRECLB4D3T1 GAS DETECTOR EQP	M25,EQP,DUCT,W/ HYDRO, SIL	\$ 6,200	Yes	GAS
010195-218	PIRECLB1D2T2 GAS DETECTOR	M25,4/20,W/O RLY,W/O HYDRO,SIL	\$ 5,400	Yes	GAS
010195-220	PIRECLA1D1BT2 GAS DETECTOR		\$ 5,400	Yes	GAS
010195-222	PIRECLA1D5T2 GAS DETECTOR		\$ 5,300	Yes	GAS
010195-227	PIRECLB1E2T2 GAS DETECTOR	M25,W/ RLY,W/O HYDRO,SIL	\$ 6,000	Yes	GAS
010195-238	PIRECLA1E3T2 GAS DETECTOR	3/4,4-20,W/RLY,W/ HYDRO,SIL	\$ 6,000	Yes	GAS
010195-240	PIRECLB1D3T1 GAS DETECTOR	M25,4/20,DUCT,W/ HYDRO,SIL	\$ 5,400	Yes	GAS
010195-241	PIRECLA1D1T2 GAS DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 5,400	Yes	GAS
010195-241E	PIRECLA1D1T2 GAS DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 5,400	Yes	GAS
010195-241P	PIRECLA1D1T2 GAS DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 5,400	Yes	GAS
010195-242	PIRECLA1D3T2 GAS DETECTOR	3/4,4-20,1/16HYD,QUAD/SIL	\$ 5,400	Yes	GAS
010195-243	PIRECLA4D1T2 GAS DETECTOR	3/4,EQP,W/ HYDRO,QUAD/SIL	\$ 6,200	Yes	GAS
010195-244	PIRECLA4D3T2 GAS DETECTOR	3/4,EQP,1/16 HYD,QUAD/SIL	\$ 6,200	Yes	GAS
010195-245	PIRECLB1D1T2 GAS DETECTOR		\$ 5,400	Yes	GAS
010195-245P	PIRECLB1D1T2 GAS DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 5,400	Yes	GAS
010195-246	PIRECLB1D3T2 GAS DETECTOR	M25,4-20,1/16HYD,QUAD/SIL	\$ 5,400	Yes	GAS
010195-247	PIRECLB4D1T2 GAS DETECTOR	M25,EQP,W/ HYDRO,QUAD/SIL	\$ 6,200	Yes	GAS
010195-248	PIRECLB4D3T2 GAS DETECTOR	M25,EQP,1/16 HYD,QUAD/SIL	\$ 6,200	Yes	GAS
010195-251	PIRECLA4D1BT2 GAS DETECTOR	3/4 EQP HYDRO BRAZIL	\$ 6,200	Yes	GAS
010195-252	PIRECLB1D5T2 GAS DETECTOR	M25, 4-20,NO WTHR,SIL	\$ 5,300	Yes	GAS
010195-401	PIRECLB1D1T2 GAS DETECTOR	LOW=5; HIGH =10	\$ 5,500	Yes	GAS
010195-402	PIRECLB1D1T2 GAS DETECTOR	LOW=5; HIGH =8	\$ 5,500	Yes	GAS
010195-843	PIRECLA4D1K2 GAS DETECTOR	3/4,EQP,W/O RLY,W/ HYDRO,KAZ	\$ 4,500	Yes	GAS
010195-856	PIRECLB1E1SK2 GAS DETECTOR	M25,4/20,W/RLY,W/HYD,KAZ/SIL	\$ 4,400	Yes	GAS
010195-942	PIRECLA1D3SR2 GAS DETECTOR	3/4,4-20,1/16HYD,RUSS/SIL	\$ 4,100	Yes	GAS
010195-945	PIRECLB1D1SR2 GAS DETECTOR	M25,4-20,1/16HYD,RUSS/SIL	\$ 3,900	Yes	GAS
010210-001	EQ3750DW, ASH		\$ 2,900	Yes	SYS
010210-002	EQ3750PW, ASH		\$ 2,900	Yes	SYS
010252-001	UD10A5M25W2N,DISPLAY,RLY/4-20	AL,M25	\$ 2,100	Yes	GAS
010252-002	UD10A5N25W2N,DISPLAY,RLY/4-20	AL, 3/4	\$ 2,100	Yes	GAS
010252-003	UD10S5M25W2N,DISPLAY,RLY/4-20	SS,M25	\$ 2,800	Yes	GAS
010252-003G	UD10S5M25W2N,DISPLAY,GREY	SS,M25	\$ 3,100	Yes	GAS
010252-004	UD10S5N25W2N,DISPLAY,RLY/4-20	SS,3/4	\$ 2,800	Yes	GAS
010253-001	KIT,250 OHM TERMINAL RESISTOR		\$ 36	Yes	GAS
010254-001	UD10A5M25W2C DISPLAY, RLY/4-20	CGS AL M25 EXD	\$ 2,600	Yes	GAS
010254-002	UD10A5N25W2C DISPLAY, RLY/4-20	CGS AL 3/4NPT EXD	\$ 2,600	Yes	GAS
010254-003	UD10S5M25W2C DISPLAY, RLY/4-20	CGS SST M25 EXD	\$ 3,300	Yes	GAS
010254-004	UD10S5N25W2C DISPLAY, RLY/4-20	CGS SST 3/4NPT EXD	\$ 2,800	Yes	GAS
010254-005	UD10A5M28W2C DISPLAY, DCU	CGS AL M25 EXD	\$ 3,000	Yes	GAS
010254-006	UD10A5N28W2C DISPLAY, DCU	CGS AL 3/4NPT EXD	\$ 3,000	Yes	GAS
010254-007	UD10S5M28W2C DISPLAY, DCU	CGS SST M25 EXD	\$ 3,800	Yes	GAS
010254-008	UD10S5N28W2C DISPLAY, DCU	CGS SST 3/4NPT EXD	\$ 3,800	Yes	GAS
010254-021	UD10A5M25T2C DISPLAY, RLY/4-20	CGS AL M25 SIL	\$ 2,600	Yes	GAS
010254-022	UD10A5N25T2C DISPLAY, RLY/4-20	CGS AL 3/4NPT SIL	\$ 2,600	Yes	GAS
010254-023	UD10S5M25T2C DISPLAY, RLY/4-20	CGS SST M25 SIL	\$ 3,300	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
010254-024	UD10S5N25T2C DISPLAY, RLY/4-20	CGS SST 3/4NPT SIL	\$ 3,300	Yes	GAS
010254-081	UD10A5M25B2C DISPLAY,RLY/4-20	CGS AL M25 EXD	\$ 2,600	Yes	GAS
010254-082	UD10A5N25B2C DISPLAY,RLY/4-20	CGS AL 3/4NPT EXD	\$ 2,600	Yes	GAS
010254-083	UD10S5M25B2C DISPLAY,RLY/4-20	CGS SST M25 EXD	\$ 3,300	Yes	GAS
010254-084	UD10S5N25B2C DISPLAY,RLY/4-20	CGS SST 3/4NPT EXD	\$ 3,300	Yes	GAS
010254-086	UD10A5N28B2C DISPLAY,DCU	CGS AL 3/4NPT EXD	\$ 3,000	Yes	GAS
010254-087	UD10S5M28B2C DISPLAY,DCU	CGS SST M25 EXD	\$ 3,800	Yes	GAS
010254-088	UD10S5N28B2C DISPLAY,DCU	CGS SST 3/4NPT EXD	\$ 3,800	Yes	GAS
010254-093	UD10S5M25SB2C DSPLY,RLY/4-20	CGS SS M25 SIL BRAZIL	\$ 3,300	Yes	GAS
010254-094	UD10S5N25SB2C DSPLY,RLY/4-20	CGS SS 3/4NPT SIL BRAZIL	\$ 3,300	Yes	GAS
010254-095	UD10A5M25SB2C DSPLY,RLY/4-20	CGS AL M25 SIL BRAZIL	\$ 2,600	Yes	GAS
010254-096	UD10A5N25SB2C DISPLAY,RLY/4-20	CGS AL 3/4NPT SIL BRAZIL	\$ 2,600	Yes	GAS
010254-853	UD10S5M25K2C DISPLAY, RLY/4-20	SS,M25,EXD,KAZAKHSTAN	\$ 3,300	Yes	GAS
010254-905	UD10A5M28R2C DISPLAY, DCU		\$ 3,000	Yes	GAS
010254-906	UD10A5N28R2C DISPLAY, DCU		\$ 3,000	Yes	GAS
010254-907	UD10S5M28R2C DISPLAY, DCU		\$ 3,800	Yes	GAS
010254-908	UD10S5N28R2C DISPLAY, DCU		\$ 3,800	Yes	GAS
010254-911	UD10A5M25SR2C DISPLAY,RLY/4-20	CGS,AL,M25,SIL RUSSIAN	\$ 2,600	Yes	GAS
010254-912	UD10A5N25SR2C DISPLAY,RLY/4-20	CGS AL,3/4NPT,SIL RUSSIAN	\$ 2,600	Yes	GAS
010254-913	UD10S5M25SR2C DISPLAY,RLY/4-20	CGS,SS,M25,SIL,RUSSIAN	\$ 3,300	Yes	GAS
010254-914	UD10S5N25SR2C DISPLAY,RLY/4-20	CGS,SS,3/4NPT,SIL,RUSSIAN	\$ 3,300	Yes	GAS
010274-001	GT3000 CAL KIT,H2S 10PPM		\$ 1,400	Yes	GAS
010274-002	GT3000 CAL KIT,H2S 25PPM		\$ 1,400	Yes	GAS
010274-003	GT3000 CAL KIT,H2S 50PPM		\$ 1,400	Yes	GAS
010274-004	GT3000 CAL KIT, CL2 5 PPM		\$ 2,600	Yes	GAS
010274-005	GT3000 CAL KIT,NH3 50PPM		\$ 2,600	Yes	GAS
010274-006	GT3000 CAL KIT,NH3 250PPM		\$ 2,600	Yes	GAS
010274-008	GT3000 CAL KIT,H2 500 PPM		\$ 1,400	Yes	GAS
010274-009	GT3000 CAL KIT,O2 20.9%		\$ 1,300	Yes	GAS
010274-010	GT3000 CAL KIT,CO 50PPM		\$ 1,400	Yes	GAS
010274-011	GT3000 CAL KIT,CO 250PPM		\$ 1,400	Yes	GAS
010274-013	GT3000 CAL KIT,SO2 10PPM		\$ 1,400	Yes	GAS
010274-014	GT3000 CAL KIT,SO2 50PPM		\$ 1,400	Yes	GAS
010274-016	GT3000 CAL KIT, NO2 10 PPM		\$ 2,300	Yes	GAS
010274-903	GT3000 CAL KIT,H2S 50 PPM,RUSS		\$ 1,400	Yes	GAS
010283-001	Q900 SPARE SAMPLE CUP		\$ 850	Yes	GAS
010535-001	UD10 DISPLAY MODULE, DCU		\$ 2,400	Yes	GAS
010543-001	W867 BULB REPLACEMENT ASSY		\$ 210	Yes	FLM
010567-003	AC100SNT2 SENSOR 3/4 NPT		\$ 18,400	Yes	GAS
010567-004	AC100SMT2 SENSOR M25		\$ 18,400	Yes	GAS
010567-603	AC100SNSB2 SENSOR,3/4IN,BRAZIL		\$ 18,400	Yes	GAS
010567-604	AC100SMSB2 SENSOR,M25,BRAZIL		\$ 18,400	Yes	
010567-904	AC100MSR2 SENSOR,M25,RUSSIA		\$ 18,400	Yes	GAS
010569-001	UD10 DISPLAY MODULE	RELAY, 4-20MA	\$ 1,500	Yes	GAS
010765-001	UD10A5M25T2 DISPLAY, RLY/4-20	AL M25 EXD	\$ 1,800	Yes	GAS
010765-002	UD10A5N25T2 DISPLAY, RLY/4-20	AL 3/4NPT EX D	\$ 1,800	Yes	GAS
010765-003	UD10S5M25T2 DISPLAY, RLY/4-20	SST M25 EXD	\$ 2,500	Yes	GAS
010765-004	UD10S5N25T2 DISPLAY, RLY/4-20	SST 3/4NPT EXD	\$ 2,500	Yes	GAS
010765-005	UD10A5M28W2 DISPLAY, DCU	AL M25 EXD	\$ 2,600	Yes	GAS
010765-006	UD10A5N28W2 DISPLAY, DCU	AL 3/4NPT EXD	\$ 2,600	Yes	GAS
010765-007	UD10S5M28W2 DISPLAY, DCU	SST M25 EXD	\$ 3,300	Yes	GAS
010765-008	UD10S5N28W2 DISPLAY, DCU	SST 3/4NPT EXD	\$ 3,300	Yes	GAS
010765-081	UD10A5M25SB2 DISPLAY, RLY/4-20	AL M25 EX D	\$ 1,800	Yes	GAS
010765-082	UD10A5N25SB2 DISPLAY, RLY/4-20	AL 3/4 NPT EX D	\$ 1,800	Yes	GAS
010765-083	UD10S5M25SB2 DISPLAY, RLY/4-20	SST M25 EX D	\$ 2,500	Yes	GAS
010765-084	UD10S5N25SB2 DISPLAY, RLY/4-20	SST 3/4 NPT EX D	\$ 2,500	Yes	GAS
010765-086	UD10A5N28B2 DISPLAY, DCU	AL 3/4 NPT EX D	\$ 2,600	Yes	GAS
010765-087	UD10S5M28B2 DISPLAY, DCU	SST M25 EX D	\$ 3,300	Yes	GAS
010765-088	UD10S5N28B2 DISPLAY, DCU	SST 3/4 NPT EX D	\$ 3,300	Yes	GAS
010765-203	UD10S5M25E2 DISPLAY, RLY/4-20		\$ 2,500	Yes	GAS
010765-300	UD10S5M25T2-YO DISPLY,RLY/4-20		\$ 2,800	Yes	
010765-301	UD10S5M25T2-BU DISPLY,RLY/4-20	SST M25 EX D	\$ 2,800	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
010765-302	UD10S5M25T2-G DISPLAY,GREY	RLY/4-20,SS M25 EXD	\$ 2,800	Yes	GAS
010765-802	UD10A5N25SY2 DISPLAY, RLY/4-20	AL 3/4NPT EX D,CHINA	\$ 2,500	Yes	GAS
010765-854	UD10S5M25SK2 DISPLAY,RLY/4-20	SS,M25,EX D,KAZAKH/SIL	\$ 2,500	Yes	
010765-857	UD10S5M28K2 DISPLAY, DCU	SS,M25,EX D,KAZAKH	\$ 3,300	Yes	
010765-901	UD10A5M25R2 DISPLAY,RLY/4-20	AL,M25,EXD,RUSSIAN	\$ 1,800	Yes	GAS
010765-903	UD10S5M25R2 DISPLAY,RLY/4-20	316 SS,M25,EXD,RUSSIAN	\$ 2,500	Yes	GAS
010765-905	UD10A5M28R2 DISPLAY, DCU	AL, M25, EXD, RUSSIAN	\$ 2,600	Yes	GAS
010765-906	UD10A5N28R2 DISPLAY, DCU	AL, 3/4, EXD, RUSSIAN	\$ 2,600	Yes	GAS
010765-907	UD10S5M28R2 DISPLAY, DCU	SS, M25, EXD, RUSSIAN	\$ 3,300	Yes	GAS
010765-908	UD10S5N28R2 DISPLAY, DCU	SS, 3/4, EXD, RUSSIAN	\$ 3,300	Yes	GAS
010765-909	UD10A5M25SR2 DISPLAY,RLY/4-20	AL,M25,EXD,RUSSIAN,SIL	\$ 1,800	Yes	GAS
010765-910	UD10A5N25SR2 DISPLAY,RLY/4-20	AL,3/4NPT,EXD,RUSSIAN,SIL	\$ 1,800	Yes	GAS
010765-911	UD10S5M25SR2 DISPLAY,RLY/4-20	316 SS,M25,EXD,RUSSIAN,SIL	\$ 2,500	Yes	GAS
010765-912	UD10S5N25SR2 DISPLAY,RLY/4-20	316 SS,3/4NPT,EXD,RUSSIAN,SIL	\$ 2,500	Yes	GAS
010780-003	GT3000 REMOTE CAL. ADAPTOR		\$ 190	Yes	GAS
010783-001	FILTER,MICRO-MEMBRANE		\$ 18	Yes	GAS
010801-001	FENWAL HT DET, 140F	12-E27121-215-OT (140 F)	\$ 580	Yes	SYS
010801-002	FENWAL HT DET, 160F	12-E27121-215-OT (160 F)	\$ 580	Yes	SYS
010801-003	FENWAL HT DET, 190F	12-E27121-215-OT (190 F)	\$ 580	Yes	SYS
010801-004	FENWAL HT DET, 210F	12-E27121-215-OT (210 F)	\$ 580	Yes	SYS
010801-005	FENWAL HT DET, 225F	12-E27121-215-OT (225 F)	\$ 580	Yes	SYS
010801-006	FENWAL HT DET, 275F	12-F27121-215-OT (275 F)	\$ 580	Yes	SYS
010801-007	FENWAL HT DET, 325F	12-F27121-215-OT (325 F)	\$ 580	Yes	SYS
010801-008	FENWAL HT DET, 360F	12-F27121-215-OT (360 F)	\$ 580	Yes	SYS
010801-009	FENWAL HT DET, 450F	12-G27121-215-OT (450 F)	\$ 580	Yes	SYS
010816-001	STOP PLUG,20PK,3/4NPT,AL,EX D		\$ 650	Yes	GAS
010817-001	STOP PLUG,20PK,3/4NPT,SS,EX D		\$ 1,300	Yes	GAS
010818-001	STP PLUG,20PK,M25,AL,IP66,EXDE		\$ 1,200	Yes	GAS
010819-001	STP PLUG,20PK,M25,SS,IP66,EXDE		\$ 1,800	Yes	GAS
010830-001	OI REFLECTOR PLATE,X3301,SS		\$ 98	Yes	FLM
010830-002	OI REFLECTOR PLATE,X3302,SS		\$ 98	Yes	FLM
010831-001	OI REPLACEMENT KIT,X3301,SS		\$ 1,300	Yes	FLM
010831-002	OI REPLACEMENT KIT,X3302,SS		\$ 1,300	Yes	FLM
010857-001	Q1130A1001 FLANGE MNT		\$ 1,700	Yes	FLM
010892-001	EQP2410PS-P 10A 24V	PANEL MOUNT	\$ 2,200	Yes	SYS
010892-002	EQP2410PS 10A 24V	DIN RAIL	\$ 2,100	Yes	SYS
010935-001	HD140A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-002	HD140A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-003	HD140S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-004	HD140S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-005	HD140A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-006	HD140A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-007	HD140S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-008	HD140S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-013	HD140A4N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-014	HD140A4M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-017	HD160A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-018	HD160A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-019	HD160S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-020	HD160S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-021	HD160A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-022	HD160A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-023	HD160S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-024	HD160S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-030	HD160A4M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-033	HD190A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-034	HD190A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-035	HD190S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-036	HD190S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-037	HD190A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-038	HD190A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-039	HD190S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM

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010935-040	HD190S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-043	HD190S4N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-048	HD190S4M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-049	HD210A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-050	HD210A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-051	HD210S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-052	HD210S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-053	HD210A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-054	HD210A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-055	HD210S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-056	HD210S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-062	HD210A4M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-065	HD225A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-066	HD225A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-067	HD225S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-068	HD225S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-069	HD225A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-070	HD225A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-071	HD225S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-072	HD225S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-081	HD275A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-082	HD275A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-083	HD275S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-084	HD275S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-085	HD275A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-086	HD275A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-087	HD275S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-088	HD275S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-097	HD325A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-098	HD325A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-099	HD325S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-100	HD325S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-101	HD325A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-102	HD325A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-103	HD325S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-104	HD325S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-113	HD360A2N11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-114	HD360A2M11T1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-115	HD360S2N11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-116	HD360S2M11T1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-117	HD360A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-118	HD360A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-119	HD360S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-120	HD360S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-239	HD190S2N11B2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-303	HD325S2N11B2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-900	HD325S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-901	HD140A2N11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-902	HD140A2M11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-903	HD140S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-904	HD140S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-905	HD140A2N11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-906	HD140A2M11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-907	HD140S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-908	HD140S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-917	HD160A2N11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-918	HD160A2M11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-919	HD160S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-920	HD160S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-921	HD160A2N11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-922	HD160A2M11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-923	HD160S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
010935-924	HD160S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-933	HD190A2N11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-934	HD190A2M11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-935	HD190S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-936	HD190S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-937	HD190A2N11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-938	HD190A2M11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-939	HD190S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-940	HD190S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-949	HD210A2N11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-950	HD210A2M11SR1 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-951	HD210S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-952	HD210S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-953	HD210A2N11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-954	HD210A2M11SR2 HEAT DETECTOR		\$ 1,600	Yes	FLM
010935-955	HD210S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-956	HD210S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-967	HD225S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-968	HD225S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-971	HD225S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-972	HD225S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-983	HD275S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-984	HD275S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-987	HD275S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-988	HD275S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010935-999	HD325S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-903	HD325S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-904	HD325S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-915	HD360S2N11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-916	HD360S2M11SR1 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-919	HD360S2N11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010936-920	HD360S2M11SR2 HEAT DETECTOR		\$ 2,200	Yes	FLM
010952-005	EMI GUARD HOUSING (MACH)		\$ 97	Yes	GAS
010953-005	EMI FORMED SCREEN MESH		\$ 120	Yes	GAS
010969-001	ATX10 REPLACEMENT MODULE		\$ 2,200	Yes	GAS
010970-001	UPGRADE KIT UD10A5M25T2	RLY/4-20 AL M25 EXD	\$ 1,700	Yes	GAS
010970-002	UPGRADE KIT UD10A5N25T2	RLY/4-20 AL 3/4NPT EXD	\$ 1,700	Yes	GAS
010970-003	UPGRADE KIT UD10S5M25T2	RLY/4-20 SST M25 EXD	\$ 2,300	Yes	GAS
010970-004	UPGRADE KIT UD10S5N25T2	RLY/4-20 SST 3/4NPT EXD	\$ 2,300	Yes	GAS
010970-005	UPGRADE KIT UD10A5M28W2	DCU AL M25 EXD	\$ 2,600	Yes	GAS
010970-006	UPGRADE KIT UD10A5N28W2	DCU AL 3/4NPT EXD	\$ 2,600	Yes	GAS
010970-007	UPGRADE KIT UD10S5M28W2	DCU SST M25 EXD	\$ 3,200	Yes	GAS
010970-008	UPGRADE KIT UD10S5N28W2	DCU SST 3/4NPT EXD	\$ 3,200	Yes	GAS
010971-004	UPGRADE KIT UD10S5N25W2C	RLY/4-20 CGS SST 3/4NPT EXD	\$ 3,200	Yes	GAS
010971-005	UPGRADE KIT UD10A5M28W2C	DCU CGS AL M25 EXD	\$ 3,000	Yes	GAS
010971-006	UPGRADE KIT UD10A5N28W2C	DCU CGS AL 3/4NPT EX D	\$ 3,000	Yes	GAS
010971-007	UPGRADE KIT UD10S5M28W2C	DCU CGS SST M25 EXD	\$ 3,700	Yes	GAS
010971-008	UPGRADE KIT UD10S5N28W2C	DCU CGS SST 3/4NPT EXD	\$ 3,700	Yes	GAS
010971-011	UPGRADE KIT UD10A5M25T2C	CGS AL M25 SIL	\$ 2,600	Yes	GAS
010971-012	UPGRADE KIT UD10A5N25T2C	CGS AL 3/4NPT SIL	\$ 2,600	Yes	GAS
010971-013	UPGRADE KIT UD10S5M25T2C	CGS SS M25 SIL	\$ 3,200	Yes	GAS
010971-014	UPGRADE KIT UD10S5N25T2C	CGS SS 3/4NPT SIL	\$ 3,200	Yes	GAS
010973-001	UD10/CGS REPLACEMENT BOARD		\$ 850	Yes	GAS
010988-001	EQP2120PS-B 20A 120/220V	PANEL MOUNT	\$ 2,100	Yes	SYS
010988-002	EQP2120PS 20A 120/220V	DIN RAIL	\$ 1,900	Yes	SYS
011355-001	FOAM INSERT		\$ 83	Yes	GAS
011365-102	ATX10 MEMORY MOD ASSY,ROHS		\$ 340	Yes	GAS
011385-001	Q9033 COLLAR ATTACHMENT,SS		\$ 150	Yes	FLM
011385-002	Q9033 COLLAR ATTACHMENT,SS		\$ 150	Yes	FLM
011758-401	LS2000SN14SMSA1R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-401B	LS2000SN14SBSA1R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-401P	LS2000SN14SPSA1R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS

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011758-403	LS2000SM14SMSA1R RX	SIL/FM/CSA,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-426	LS2000SN14SMSA2R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-426B	LS2000SN14SBSA2R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-426P	LS2000SN14SPSA2R RX	SIL/FM/CSA,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-427	LS2000SM14SMSA2R RX	SIL/FM/CSA,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-451	LS2000SN14LMSA1R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-451B	LS2000SN14LBSA1R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-451P	LS2000SN14LP SA1R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-453	LS2000SM14LMSA1R RX	SIL/FM/CSA,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-476	LS2000SN14LMSA2R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-476B	LS2000SN14LBSA2R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-476P	LS2000SN14LP SA2R RX	SIL/FM/CSA,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-477	LS2000SM14LMSA2R RX	SIL/FM/CSA,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-501	LS2000SN14SMSE1R RX	SIL/ATEX/IECX,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-503	LS2000SM14SMSE1R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-503B	LS2000SM14SBSE1R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-503P	LS2000SM14SPSE1R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-526	LS2000SN14SMSE2R RX	SIL/ATEX/IECX,3/4NPT,SHORT,LON	\$ 6,800	Yes	GAS
011758-527	LS2000SM14SMSE2R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-527B	LS2000SM14SBSE2R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-527P	LS2000SM14SPSE2R RX	SIL/ATEX/IECX,M25,SHORT,LON	\$ 6,800	Yes	GAS
011758-551	LS2000SN14LMSE1R RX	SIL/ATEX/IECX,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-553	LS2000SM14LMSE1R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-553B	LS2000SM14LBSE1R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-553P	LS2000SM14LPSE1R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-576	LS2000SN14LMSE2R RX	SIL/ATEX/IECX,3/4NPT,LONG,LON	\$ 9,200	Yes	GAS
011758-577	LS2000SM14LMSE2R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-577B	LS2000SM14LBSE2R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011758-577P	LS2000SM14LPSE2R RX	SIL/ATEX/IECX,M25,LONG,LON	\$ 9,200	Yes	GAS
011759-401	LS2000SN14SMSA1RM,SPARE RX,LON	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-401B	LS2000SN14SBSA1RM,SPARE RX,LON	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-401P	LS2000SN14SPSA1RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-403	LS2000SM14SMSA1RM,SPARE RX,LON	SIL/FM/CSA.M25,SHORT	\$ 5,600	Yes	GAS
011759-426	LS2000SN14SMSA2RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-426B	LS2000SN14SBSA2RM,SPARE RX,LON	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-426P	LS2000SN14SPSA2RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-427	LS2000SM14SMSA2RM,SPARE RX,LON	SIL/FM/CSA.M25,SHORT	\$ 5,600	Yes	GAS
011759-451	LS2000SN14LMSA1RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-451B	LS2000SN14LBSA1RM,SPARE RX,LON	SIL/FM/CSA,3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-451P	LS2000SN14LP SA1RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-453	LS2000SM14LMSA1RM,SPARE RX,LON	SIL/FM/CSA.M25,LONG	\$ 8,000	Yes	GAS
011759-476	LS2000SN14LMSA2RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-476B	LS2000SN14LBSA2RM,SPARE RX,LON	SIL/FM/CSA,3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-476P	LS2000SN14LP SA2RM,SPARE RX,LON	SIL/FM/CSA.3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-477	LS2000SM14LMSA2RM,SPARE RX,LON	SIL/FM/CSA.M25,LONG	\$ 8,000	Yes	GAS
011759-501	LS2000SN14SMSE1RM,SPARE RX,LON	SIL/ATEX/IECX,3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-503	LS2000SM14SMSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-503B	LS2000SM14SBSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-503P	LS2000SM14SPSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-526	LS2000SN14SMSE2RM,SPARE RX,LON	SIL/ATEX/IECX,3/4NPT,SHORT	\$ 5,600	Yes	GAS
011759-527	LS2000SM14SMSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-527B	LS2000SM14SBSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-527P	LS2000SM14SPSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,SHORT	\$ 5,600	Yes	GAS
011759-551	LS2000SN14LMSE1RM,SPARE RX,LON	SIL/ATEX/IECX,3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-553	LS2000SM14LMSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011759-553B	LS2000SM14LBSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011759-553P	LS2000SM14LPSE1RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011759-576	LS2000SN14LMSE2RM,SPARE RX,LON	SIL/ATEX/IECX,3/4NPT,LONG	\$ 8,000	Yes	GAS
011759-577	LS2000SM14LMSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011759-577B	LS2000SM14LBSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011759-577P	LS2000SM14LPSE2RM,SPARE RX,LON	SIL/ATEX/IECX,M25,LONG	\$ 8,000	Yes	GAS
011760-401	LS2000SN14SMSA1S LINE OF SIGHT		\$ 13,700	Yes	GAS

2025 Numeric Price List

Detector Electronics LLC Company Restricted – Do Not Forward

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
011760-401B	LS2000SN14SBSA1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-401P	LS2000SN14SPSA1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-403	LS2000SM14SMSA1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-426	LS2000SN14SMSA2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-426B	LS2000SN14SBSA2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-426P	LS2000SN14SPSA2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-427	LS2000SM14SMSA2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-451	LS2000SN14LMSA1S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-451B	LS2000SN14LBSA1S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-451P	LS2000SN14LPSA1S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-453	LS2000SM14LMSA1S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-476	LS2000SN14LMSA2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-476B	LS2000SN14LBSA2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-476P	LS2000SN14LPSA2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-477	LS2000SM14LMSA2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-501	LS2000SN14SMSE1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-503	LS2000SM14SMSE1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-503B	LS2000SM14SBSE1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-503P	LS2000SM14SPSE1S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-526	LS2000SN14SMSE2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-527	LS2000SM14SMSE2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-527B	LS2000SM14SBSE2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-527P	LS2000SM14SPSE2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-551	LS2000SN14LMSE1S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-553	LS2000SM14LMSE1S LINE OF SIGHT		\$ 16,900	Yes	GAS
011760-553B	LS2000SM14LBSE1S LINE OF SIGHT		\$ 16,900	Yes	GAS
011760-553P	LS2000SM14LPSE1S LINE OF SIGHT		\$ 16,900	Yes	GAS
011760-576	LS2000SN14LMSE2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-577	LS2000SM14LMSE2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-577B	LS2000SM14LBSE2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-577P	LS2000SM14LPSE2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-626	LS2000SN14SMSB2S LINE OF SIGHT		\$ 13,700	Yes	GAS
011760-676	LS2000SN14LMSB2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011760-977	LS2000SM14LMSR2S LINE OF SIGHT		\$ 16,100	Yes	GAS
011773-001	LS2000 APERTURE		\$ 370	Yes	GAS
011784-001	LS2000 MOUNTING ADAPTER 6"		\$ 1,200	Yes	GAS
011904-001	PIRECLA3A1C1 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D E	\$ 4,500	Yes	GAS
011904-002	PIRECLB3A1C1 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D E	\$ 4,500	Yes	GAS
011904-005	PIRECLA3B1C2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D	\$ 4,900	Yes	GAS
011904-006	PIRECLB3B1C2 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D	\$ 4,900	Yes	GAS
011904-007	PIRECLB3A1B1 GAS DETECTOR	M25,4-20,W/HRT,W/HYD,EX D E,BR	\$ 4,500	Yes	GAS
011904-020	PIRECLA3A1B2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D	\$ 4,500	Yes	GAS
011904-041	PIRECLA3A1C2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D	\$ 4,500	Yes	GAS
011904-045	PIRECLB3A1C2 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D	\$ 4,500	Yes	GAS
011904-501	PIRECLA3A1E1 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D E	\$ 4,500	Yes	GAS
011904-502	PIRECLB3A1E1 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D E	\$ 4,500	Yes	GAS
011904-505	PIRECLA3B1E2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D	\$ 4,900	Yes	GAS
011904-506	PIRECLB3B1E2 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D	\$ 4,900	Yes	GAS
011904-541	PIRECLA3A1E2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D	\$ 4,500	Yes	GAS
011904-545	PIRECLB3A1E2 GAS DETECTOR	M25,4-20,W/HART,W/HYD,EX D	\$ 4,500	Yes	GAS
011904-605	PIRECLA3B1B2 GAS DETECTOR	3/4,4-20,W/HART,W/HYD,EX D,BR	\$ 4,900	Yes	GAS
011906-001	PIRECLA3D1C1 GAS DETECTOR	3/4,4-20,W/HYD,EX D E	\$ 4,300	Yes	GAS
011906-002	PIRECLB3D1C1 GAS DETECTOR	M25,4-20,W/HYD,EX D E	\$ 4,300	Yes	GAS
011906-005	PIRECLA3E1C2 GAS DETECTOR	3/4,4-20,W/HYD,EX D	\$ 4,800	Yes	GAS
011906-006	PIRECLB3E1C2 GAS DETECTOR	M25,4-20,W/HYD,EX D	\$ 4,800	Yes	GAS
011906-020	PIRECLA3D1B2 GAS DETECTOR	3/4,4-20,W/HYD,EX D	\$ 4,300	Yes	GAS
011906-041	PIRECLA3D1C2 GAS DETECTOR	3/4,4-20,W/HYD,EX D	\$ 4,300	Yes	GAS
011906-045	PIRECLB3D1C2 GAS DETECTOR	M25,4-20, W/HYD,EX D	\$ 4,300	Yes	GAS
011906-501	PIRECLA3D1E1 GAS DETECTOR	3/4,4-20,W/HYD,EX D E	\$ 4,300	Yes	GAS
011906-502	PIRECLB3D1E1 GAS DETECTOR	M25,4-20, W/HYD,EX D E	\$ 4,300	Yes	GAS
011906-505	PIRECLA3E1E2 GAS DETECTOR	3/4,4-20,W/HYD,EX D	\$ 4,800	Yes	GAS
011906-506	PIRECLB3E1E2 GAS DETECTOR	M25,4-20, W/HYD,EX D	\$ 4,800	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
011906-541	PIRECLA3D1E2 GAS DETECTOR	3/4,4-20, W/HYD,EX D	\$ 4,300	Yes	GAS
011906-545	PIRECLB3D1E2 GAS DETECTOR	M25,4-20, W/HYD,EX D	\$ 4,300	Yes	GAS
011906-945	PIRECLB3D1R2 GAS DETECTOR	M25,4-20, W/HYD,EX D	\$ 4,300	Yes	GAS
011908-001	CLAMP & SHIM KIT, PIRDUCT		\$ 60	Yes	GAS
011919-001	UD10/NTMOS REPLACEMENT BOARD		\$ 430	Yes	GAS
011942-001	ATX10S5N26T,3/4NPT		\$ 3,200	Yes	GAS
011942-002	ATX10S5M26T,M25		\$ 3,200	Yes	GAS
011942-601	ATX10S5N26SB,3/4IN,BRAZIL		\$ 3,200	Yes	GAS
011942-602	ATX10S5M26SB,M25,BRAZIL		\$ 3,200	Yes	GAS
011942-902	ATX10S5M26SR,M25,RUSSIA		\$ 3,200	Yes	GAS
011990-001	Q1116/Q1118 SINTER RPLCMNT KIT		\$ 260	Yes	FLM
012020-201	LS2000SN00NNSB1T TX	SIL/INMETRO, 3/4NPT	\$ 6,900	Yes	GAS
012020-202	LS2000SN00NNSB2T TX	SIL/INMETRO, 3/4NPT	\$ 6,900	Yes	GAS
012020-401	LS2000SN00NNSA1T TX	SS,3/4NPT,EX D E	\$ 6,900	Yes	GAS
012020-402	LS2000SN00NNSA2T TX	SIL/FM/CSA,3/4NPT	\$ 6,900	Yes	GAS
012020-403	LS2000SM00NNSA1T TX	SS,M25,SIL/FM/CSA	\$ 6,900	Yes	GAS
012020-404	LS2000SM00NNSA2T TX	SIL/FM/CSA,M25	\$ 6,900	Yes	GAS
012020-501	LS2000SN00NNS1T TX	SS,3/4NPT,ATEX,EX D E	\$ 6,900	Yes	GAS
012020-502	LS2000SN00NNS2T TX	SS,3/4NPT,ATEX,EX D	\$ 6,900	Yes	GAS
012020-503	LS2000SM00NNS1T TX	SS,M25,ATEX,EX D E	\$ 6,900	Yes	GAS
012020-504	LS2000SM00NNS2T TX	SS,M25,ATEX,EX D	\$ 6,900	Yes	GAS
012020-803	LS2000SM00NNSK1T TX	SS, M25, EX D E	\$ 6,900	Yes	GAS
012020-903	LS2000SM00NNSR1T TX	SS,M25,LONG,EX D E,RUSSIA	\$ 6,900	Yes	GAS
012097-201	LS2000SN18SMSB1R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-201B	LS2000SN18SBSB1R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-201P	LS2000SN18SPSB1R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-202	LS2000SN18SMSB2R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-202B	LS2000SN18SBSB2R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-202P	LS2000SN18SPSB2R RX	SIL/INMETRO,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-226	LS2000SN25SMSB2R RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-226B	LS2000SN25SBSB2R RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-226P	LS2000SN25SPSB2R RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-251	LS2000SN18LMSB1R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-251B	LS2000SN18LBSB1R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-251P	LS2000SN18LPSB1R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-252	LS2000SN18LMSB2R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-252B	LS2000SN18LBSB2R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-252P	LS2000SN18LPSB2R RX	SIL/INMETRO,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-276	LS2000SN25LMSB2R RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 9,400	Yes	GAS
012097-276B	LS2000SN25LBSB2R RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 9,400	Yes	GAS
012097-276P	LS2000SN25LPSB2R RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 9,400	Yes	GAS
012097-401	LS2000SN18SMSA1R RX	SS,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-401B	LS2000SN18SBSA1R RX	SIL/FM/CSA,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-401P	LS2000SN18SPSA1R RX	SIL/FM/CSA,3/4NPT,SHORT	\$ 6,700	Yes	GAS
012097-402	LS2000SN18SMSA2R RX	SS,3/4NPT,SHORT,NO RLY,EX D	\$ 6,600	Yes	GAS
012097-403	LS2000SM18SMSA1R RX	SS, M25, SHORT, NO RLY	\$ 6,700	Yes	GAS
012097-426	LS2000SN25SMSA2R RX	SS,3/4NPT,SHORT,RELAY,W/RELAY	\$ 7,100	Yes	GAS
012097-426B	LS2000SN25SBSA2R RX	SIL/FM/CSA,3/4NPT,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-426P	LS2000SN25SPSA2R RX	SIL/FM/CSA,3/4NPT,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-427	LS2000SM25SMSA2R RX	SS, M25, SHORT, W/RLY	\$ 7,100	Yes	GAS
012097-451	LS2000SN18LMSA1R RX	SS,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-451B	LS2000SN18LBSA1R RX	SIL/FM/CSA,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-451P	LS2000SN18LPSA1R RX	SIL/FM/CSA,3/4NPT,LONG	\$ 9,000	Yes	GAS
012097-453	LS2000SM18LMSA1R RX	SS,M25, LONG, NO RLY	\$ 9,000	Yes	GAS
012097-476	LS2000SN25LMSA2R RX	SS,3/4NPT,LONG,RELAY,W/RELAY	\$ 9,400	Yes	GAS
012097-476B	LS2000SN25LBSA2R RX	SS,3/4NPT,LONG,RELAY,W/RELAY	\$ 9,400	Yes	GAS
012097-476P	LS2000SN25LPSA2R RX	SS,3/4NPT,LONG,RELAY,W/RELAY	\$ 9,400	Yes	GAS
012097-477	LS2000SM25LMSA2R RX	SS, M25, LONG W/RLY	\$ 9,400	Yes	GAS
012097-501	LS2000SN18SMSE1R RX	SS,3/4NPT,SHORT,NO RLY	\$ 6,700	Yes	GAS
012097-502	LS2000SN18SMSE2R RX	SS,3/4NPT,SHORT, NO RLY	\$ 6,700	Yes	GAS
012097-503	LS2000SM18SMSE1R RX	SS,M25,SHORT,NO RLY	\$ 6,700	Yes	GAS
012097-503B	LS2000SM18SBSE1R RX	SIL/ATEX/IECEX,M25,SHORT	\$ 6,700	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
012097-503P	LS2000SM18SPSE1R RX	SIL/ATEX/IECEX,M25,SHORT	\$ 6,700	Yes	GAS
012097-504	LS2000SM18SMSE2R RX	SS,M25,SHORT,NO RLY	\$ 6,700	Yes	GAS
012097-504B	LS2000SM18SBSE2R	SIL/ATEX/IECEX,M25,SHORT	\$ 6,700	Yes	GAS
012097-504P	LS2000SM18SPSE2R RX	SIL/ATEX/IECEX,M25,SHORT	\$ 6,700	Yes	GAS
012097-526	LS2000SN25SMSE2R RX	SS,3/4NPT,SHORT, W/RLY	\$ 7,100	Yes	GAS
012097-527	LS2000SM25SMSE2R RX	SS,M25,SHORT,W/RLY	\$ 7,100	Yes	GAS
012097-527B	LS2000SM25SBSE2R	SIL/ATEX/IECEX,M25,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-527P	LS2000SM25SPSE2R RX	SIL/ATEX/IECEX,M25,SHORT,RELAY	\$ 7,100	Yes	GAS
012097-551	LS2000SN18LMSE1R RX	SS,3/4NPT,LONG,NO RLY	\$ 9,000	Yes	GAS
012097-552	LS2000SN18LMSE2R RX	SS,3/4 NPT,LONG,NO RLY	\$ 9,000	Yes	GAS
012097-553	LS2000SM18LMSE1R RX	SS,M25,LONG, NO RLY	\$ 9,000	Yes	GAS
012097-553B	LS2000SM18LBSE1R RX	SIL/ATEX/IECEX,M25,LONG	\$ 9,000	Yes	GAS
012097-553P	LS2000SM18LPSE1R RX	SIL/ATEX/IECEX,M25,LONG	\$ 9,000	Yes	GAS
012097-554	LS2000SM18LMSE2R RX	SS,M25,LONG, NO RLY	\$ 9,000	Yes	GAS
012097-554B	LS2000SM18LBSE2R RX	SIL/ATEX/IECEX,M25,LONG	\$ 9,000	Yes	GAS
012097-554P	LS2000SM18LPSE2R RX	SIL/ATEX/IECEX,M25,LONG	\$ 9,000	Yes	GAS
012097-576	LS2000SN25LMSE2R RX	SS,3/4/NPT,LONG,W/RLY	\$ 9,400	Yes	GAS
012097-576P	LS2000SN25LPSE2R RX	SS,3/4/NPT,LONG,W/RLY	\$ 10,300	Yes	GAS
012097-577	LS2000SM25LMSE2R RX	SS,M25,LONG,W/RLY	\$ 9,400	Yes	GAS
012097-577B	LS2000SM25LBSE2R RX	SS,M25,LONG,W/RLY	\$ 9,400	Yes	GAS
012097-577P	LS2000SM25LPSE2R RX	SS,M25,LONG,W/RLY	\$ 9,400	Yes	GAS
012097-803	LS2000SM18SMSK1R RX	KAZAKH,M25,SHORT,NO RELAY	\$ 6,700	Yes	GAS
012097-853	LS2000SM18LMSK1R RX	KAZAKH, M25, LONG, NO RELAY	\$ 9,000	Yes	GAS
012097-927	LS2000SM25SMSR2R RX	SS,M25,SHORT,RLY,EX D,RUSS,RX	\$ 7,100	Yes	GAS
012097-953	LS2000SM18LMSR1R RX	SS,M25,LONG,EX DE,RUSSIA	\$ 9,000	Yes	GAS
012097-954	LS2000SM18LMSR2R RX	SS,M25,LONG,EX D,RUSSIA,RX	\$ 9,000	Yes	GAS
012125-001	Q1201C ACCESSORY, 10+20 DEGREE		\$ 420	Yes	FLM
012138-001	X9800, HEAD, AL, EX D E, SIL		\$ 4,100	Yes	FLM
012139-001	X9800, HEAD, SS, EX D E, SIL		\$ 4,500	Yes	FLM
012140-001	X9800, HEAD, AL, EX D, SIL		\$ 4,100	Yes	FLM
012141-001	X9800, HEAD, SS, EX D, SIL		\$ 4,500	Yes	FLM
012152-001	AC100/ATX10 KIT, 3/4IN NPT	AC100SNT2 AND ATX10S5N26T	\$ 21,450	Yes	GAS
012152-601	AC100/ATX10 KIT,3/4IN,BRAZIL	AC100SNSB2 & ATX10S5N26SB	\$ 21,450	Yes	
012153-001	AC100/ATX10 KIT, M25	AC100SMT2 AND ATX10S5M26T	\$ 21,450	Yes	GAS
012153-601	AC100/ATX10 KIT,M25,BRAZIL	AC100SMSB2 & ATX10S5M26SB	\$ 21,450	Yes	SYS
012153-901	AC100/ATX10 KIT,M25,RUSSIA	AC100SMSR2 & ATX10S5M26SR	\$ 21,450	Yes	GAS
012200-001	Q300A PIRECL SAMPLE DRAW CUP		\$ 850	Yes	GAS
012287-002	ALIGNMENT TOOL, LS2000		\$ 1,700	Yes	GAS
012300-001	RX, BROW, LS2000		\$ 120	Yes	GAS
012312-001	TX, BROW, LS2000		\$ 120	Yes	GAS
012363-001	DIFFUSER INSERT		\$ 250	Yes	GAS
012390-001	KIT, PLUG-REDUCER	M20/M25 NI-BRASS	\$ 150	Yes	GAS
012400-001	ACOUSTIC INSPECTOR PKG		\$ 6,900	Yes	GAS
012401-001	ACOUSTIC CONFIGURATOR PKG		\$ 11,200	Yes	GAS
012402-001	W6300G1004 INSPECTOR CONN		\$ 850	Yes	GAS
012456-005	HD450A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
012456-006	HD450A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
012456-032	HD500S4M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
012456-037	HD600A2N11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
012456-038	HD600A2M11T2 HEAT DETECTOR		\$ 1,600	Yes	FLM
012456-039	HD600S2N11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
012456-040	HD600S2M11T2 HEAT DETECTOR		\$ 2,200	Yes	FLM
012475-001	KEY, USB, ACOUSTIC CONFIG		\$ 2,200	Yes	GAS
012475-002	KEY,USB,ACOUSTIC INSPCTR		\$ 1,200	Yes	GAS
012500-201	U5015A1N13A SMOKE DETECTOR	AL,3/4NPT,1P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-202	U5015A2N13A SMOKE DETECTOR	AL,3/4NPT,2P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-203	U5015A3N13A SMOKE DETECTOR	AL,3/4NPT,3P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-204	U5015A4N13A SMOKE DETECTOR	AL,3/4NPT,4P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-205	U5015A1M13A SMOKE DETECTOR	AL,M25,1P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-206	U5015A2M13A SMOKE DETECTOR	AL,M25,2P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-207	U5015A3M13A SMOKE DETECTOR	AL,M25,3P,RLY-L,NA	\$ 6,200	Yes	FLM
012500-208	U5015A4M13A SMOKE DETECTOR	AL,M25,4P,RLY-L,NA	\$ 6,200	Yes	FLM

2025 Numeric Price List

Detector Electronics LLC Company Restricted – Do Not Forward

**** Detector Electronics LLC 2024-2025 Company Restricted. Distribution is not allowed without consent from Det-Tronics ****

Part Number	Description	Description Line 2	List Price	Price Changed	Type
012500-211	U5015A1N12A SMOKE DETECTOR	AL,3/4NPT,1P,RLY-NL,NA	\$ 6,200	Yes	FLM
012500-212	U5015A2N12A SMOKE DETECTOR	AL,3/4NPT,2P,RLY-NLNA	\$ 6,200	Yes	FLM
012500-213	U5015A3N12A SMOKE DETECTOR	AL,3/4NPT,3P,RLY-NLNA	\$ 6,200	Yes	FLM
012500-214	U5015A4N12A SMOKE DETECTOR	AL,3/4NPT,4P,RLY-NLNA	\$ 6,200	Yes	FLM
012500-215	U5015A1M12A SMOKE DETECTOR	AL,M25,1P,RLY-NL,NA	\$ 6,200	Yes	FLM
012500-216	U5015A2M12A SMOKE DETECTOR	AL,M25,2P,RLY-NL,NA	\$ 6,200	Yes	FLM
012500-217	U5015A3M12A SMOKE DETECTOR	AL,M25,3P,RLY-NL,NA	\$ 6,200	Yes	FLM
012500-218	U5015A4M12A SMOKE DETECTOR	AL,M25,4P,RLY-NL,NA	\$ 6,200	Yes	FLM
012500-905	U5015A1M13R SMOKE DETECTOR	AL, M25, 1P RLY-L, RUSSIAN	\$ 6,200	Yes	FLM
012500-906	U5015A2M13R SMOKE DETECTOR	AL, M25, 2P RLY-L, RUSSIAN	\$ 6,200	Yes	FLM
012500-907	U5015A3M13R SMOKE DETECTOR	AL, M25, 3P RLY-L, RUSSIAN	\$ 6,200	Yes	FLM
012500-908	U5015A4M13R SMOKE DETECTOR	AL, M25, 4P RLY-L, RUSSIAN	\$ 6,200	Yes	FLM
012509-001	Q312 GT3000 SAMPLE DRAW		\$ 240	Yes	GAS
012509-002	Q312 GT3000 SAMPLE W/ FIT		\$ 290	Yes	GAS
012513-001	Q912 DUCT MOUNT M25,1FT INLET		\$ 2,400	Yes	GAS
012513-003	Q912 DUCT MOUNT M25,3FT INLET		\$ 2,400	Yes	GAS
012513-003G	Q912 DUCT MOUNT M25,3FT,GREY		\$ 2,600	Yes	GAS
012513-006	Q912 DUCT MOUNT M25,6FT INLET		\$ 2,400	Yes	GAS
012513-010	Q912 DUCT MOUNT M25,10FT INLET		\$ 2,500	Yes	GAS
012513-013	Q912 DUCT MOUNT M25,13FT INLET		\$ 2,700	Yes	GAS
012514-001	Q912 DUCT MNT 3/4NPT,1FT INLET		\$ 2,400	Yes	GAS
012514-003	Q912 DUCT MNT 3/4NPT,3FT INLET		\$ 2,400	Yes	GAS
012514-006	Q912 DUCT MNT 3/4NPT,6FT INLET		\$ 2,400	Yes	GAS
012514-010	Q912 DUCT MNT 3/4NPT,10FT INLT		\$ 2,500	Yes	GAS
012514-013	Q912 DUCT MNT 3/4NPT,13FT INLT		\$ 2,700	Yes	GAS
012549-001	PTFE LUBRICANT, 1 OZ.		\$ 88	Yes	FLM
012651-001	Q912 ENCLOSURE, M25		\$ 2,400	Yes	GAS
012660-001	MOUNTING BRACKET, LS2000		\$ 1,400	Yes	GAS
012673-001	SYSTEM TEST FILM, LS2000		\$ 850	Yes	GAS
012673-002	SYSTEM TEST FILM,TX, LS2000	FOR TRANSMITTER	\$ 850	Yes	GAS
012713-201	LS2000SN00NNSB1TM,SPARE TX MOD	SIL/INMETRO, 3/4NPT	\$ 6,000	Yes	GAS
012713-202	LS2000SN00NNSB2TM,SPARE TX MOD	SIL/INMETRO, 3/4NPT	\$ 6,000	Yes	GAS
012713-401	LS2000SN00NNSA1TM,SPARE TX MOD	SIL/FM/CSA,3/4NPT	\$ 6,000	Yes	GAS
012713-402	LS2000SN00NNSA2TM,SPARE TX MOD	SIL/FM/CSA, 3/4NPT	\$ 6,000	Yes	GAS
012713-403	LS2000SM00NNSA1TM,SPARE TX MOD	SIL/FM/CSA,M25	\$ 6,000	Yes	GAS
012713-404	LS2000SM00NNSA2TM,SPARE TX MOD	SIL/FM/CSA, M25	\$ 6,000	Yes	GAS
012713-501	LS2000SN00NNS1TM,SPARE TX MOD	SIL/ATEX/IEC,3/4NPT	\$ 6,000	Yes	GAS
012713-502	LS2000SN00NNS2TM,SPARE TX MOD	SIL/ATEX/IEC,3/4NPT	\$ 6,000	Yes	GAS
012713-503	LS2000SM00NNS1TM,SPARE TX MOD	SIL/ATEX/IEC,M25	\$ 6,000	Yes	GAS
012713-504	LS2000SM00NNS2TM,SPARE TX MOD	SIL/ATEX/IEC,M25	\$ 6,000	Yes	GAS
012713-803	LS2000SM00NNSK1TM SPARE TX MOD	SS, M25, EX D E	\$ 6,000	Yes	GAS
012714-201	LS2000SN18SMSB1RM SPARE RX	SIL/INMETRO 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-201B	LS2000SN18SBSB1RM SPARE RX	SIL/INMETRO 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-201P	LS2000SN18SPSB1RM SPARE RX	SIL/INMETRO 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-202	LS2000SN18SMSB2RM SPARE RX	SIL/INMETRO, 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-202B	LS2000SN18SBSB2RM SPARE RX	SIL/INMETRO, 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-202P	LS2000SN18SPSB2RM SPARE RX	SIL/INMETRO, 3/4 NPT,SHORT	\$ 5,700	Yes	GAS
012714-226	LS2000SN25SMSB2RM SPARE RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-226B	LS2000SN25SBSB2RM SPARE RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-226P	LS2000SN25SPSB2RM SPARE RX	SIL/INMETRO,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-251	LS2000SN18LMSB1RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-251B	LS2000SN18LBSB1RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-251P	LS2000SN18LPSB1RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-252	LS2000SN18LMSB2RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-252B	LS2000SN18LBSB2RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-252P	LS2000SN18LPSB2RM SPARE RX	SIL/INMETRO,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-276	LS2000SN25LMSB2RM SPARE RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-276B	LS2000SN25LBSB2RM, SPARE RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-276P	LS2000SN25LPSB2RM, SPARE RX	SIL/INMETRO,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-401	LS2000SN18SMSA1RM,SPARE RX	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,700	Yes	GAS
012714-401B	LS2000SN18SBSA1RM SPARE RX	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,700	Yes	GAS
012714-401P	LS2000SN18SPSA1RM SPARE RX	SIL/FM/CSA,3/4NPT,SHORT	\$ 5,700	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
012714-403	LS2000SM18SMSA1RM, SPARE RX	SIL/FM/CSA, M25,SHORT	\$ 5,700	Yes	GAS
012714-426	LS2000SN25SMSA2RM,SPARE RX	SIL/FM/CSA,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-426B	LS2000SN25SBSA2RM SPARE RX	SIL/FM/CSA,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-426P	LS2000SN25SPSA2RM SPARE RX	SIL/FM/CSA,3/4NPT,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-427	LS2000SM25SMSA2RM, SPARE RX	SIL/FM/CSA, M25,SHORT	\$ 5,700	Yes	GAS
012714-451	LS2000SN18LMSA1RM,SPARE RX	SIL/FM/CSA,3/4 NPT,LONG	\$ 8,200	Yes	GAS
012714-451B	LS2000SN18LBSA1RM SPARE RX	SIL/FM/CSA,3/4 NPT,LONG	\$ 8,200	Yes	GAS
012714-451P	LS2000SN18LPSA1RM SPARE RX	SIL/FM/CSA,3/4 NPT,LONG	\$ 8,200	Yes	GAS
012714-453	LS2000SM18LMSA1RM, SPARE RX	SIL/FM/CSA, M25,LONG	\$ 8,200	Yes	GAS
012714-476	LS2000SN25LMSA2RM,SPARE RX	SIL/FM/CSA,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-476B	LS2000SN25LBSA2RM, SPARE RX	SIL/FM/CSA,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-476P	LS2000SN25LPSA2RM, SPARE RX	SIL/FM/CSA,3/4NPT,LONG,RELAY	\$ 8,200	Yes	GAS
012714-477	LS2000SM25LMSA2RM, SPARE RX	SIL/FM/CSA, M25, LONG	\$ 8,200	Yes	GAS
012714-501	LS2000SN18SMSE1RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,SHORT	\$ 5,700	Yes	GAS
012714-502	LS2000SN18SMSE2RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,SHORT	\$ 5,700	Yes	GAS
012714-503	LS2000SM18SMSE1RM, SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-503B	LS2000SM18SBSE1RM SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-503P	LS2000SM18SPSE1RM SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-504	LS2000SM18SMSE2RM, SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-504B	LS2000SM18SBSE2RM SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-504P	LS2000SM18SPSE2RM SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-526	LS2000SN25SMSE2RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,SHORT	\$ 5,700	Yes	GAS
012714-527	LS2000SM25SMSE2RM, SPARE RX	SIL/ATEX/IEC,M25,SHORT	\$ 5,700	Yes	GAS
012714-527B	LS2000SM25SBSE2RM SPARE RX	SIL/ATEX/IEC,M25,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-527P	LS2000SM25SPSE2RM SPARE RX	SIL/ATEX/IEC,M25,SHORT,RELAY	\$ 5,700	Yes	GAS
012714-551	LS2000SN18LMSE1RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-552	LS2000SN18LMSE2RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-553	LS2000SM18LMSE1RM, SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-553B	LS2000SM18LBSE1RM SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-553P	LS2000SM18LPSE1RM SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-554	LS2000SM18LMSE2RM, SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-554B	LS2000SM18LBSE2RM SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-554P	LS2000SM18LPSE2RM SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-576	LS2000SN25LMSE2RM, SPARE RX	SIL/ATEX/IEC,3/4NPT,LONG	\$ 8,200	Yes	GAS
012714-577	LS2000SM25LMSE2RM, SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-577B	LS2000SM25LBSE2RM, SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-577P	LS2000SM25LPSE2RM, SPARE RX	SIL/ATEX/IEC,M25,LONG	\$ 8,200	Yes	GAS
012714-803	LS2000SM18SMSK1RM SPARE RX	KAZAKH, M25, SHORT	\$ 5,700	Yes	GAS
012714-853	LS2000SM18LMSK1RM SPARE RX	KAZAKH, M25, LONG	\$ 8,200	Yes	GAS
012718-003	MTG PLATE, OPECL TO LS2000		\$ 1,200	Yes	GAS
012731-201	LS2000SN18SMSB1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-201B	LS2000SN18SBSB1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-201P	LS2000SN18SPSB1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-202	LS2000SN18SMSB2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-202B	LS2000SN18SBSB2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-202P	LS2000SN18SPSB2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-226	LS2000SN25SMSB2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-226B	LS2000SN25SBSB2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-226P	LS2000SN25SPSB2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-251	LS2000SN18LMSB1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-251B	LS2000SN18LBSB1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-251P	LS2000SN18LPSB1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-252	LS2000SN18LMSB2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-252B	LS2000SN18LBSB2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-252P	LS2000SN18LPSB2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-276	LS2000SN25LMSB2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-276B	LS2000SN25LBSB2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-276P	LS2000SN25LPSB2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-401	LS2000SN18SMSA1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-401B	LS2000SN18SBSA1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-401P	LS2000SN18SPSA1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-402	LS2000SN18SMSA2S LINE OF SIGHT		\$ 13,600	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
012731-403	LS2000SM18SMSA1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-426	LS2000SN25SMSA2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-426B	LS2000SN25SBSA2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-426P	LS2000SN25SPSA2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-427	LS2000SM25SMSA2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-451	LS2000SN18LMSA1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-451B	LS2000SN18LBSA1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-451P	LS2000SN18LPSA1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-452	LS2000SN18LMSA2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-453	LS2000SM18LMSA1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-476	LS2000SN25LMSA2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-476B	LS2000SN25LBSA2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-476P	LS2000SN25LPSA2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-477	LS2000SM25LMSA2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-501	LS2000SN18SMSE1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-502	LS2000SN18SMSE2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-503	LS2000SM18SMSE1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-503B	LS2000SM18SBSE1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-503P	LS2000SM18SPSE1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-504	LS2000SM18SMSE2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-504B	LS2000SM18SBSE2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-504P	LS2000SM18SPSE2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-526	LS2000SN25SMSE2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-527	LS2000SM25SMSE2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-527B	LS2000SM25SBSE2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-527P	LS2000SM25SPSE2S LINE OF SIGHT		\$ 13,900	Yes	GAS
012731-551	LS2000SN18LMSE1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-551B	LS2000SN18LBSE1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-552	LS2000SN18LMSE2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-553	LS2000SM18LMSE1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-553B	LS2000SM18LBSE1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-553P	LS2000SM18LPSE1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-554	LS2000SM18LMSE2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-554B	LS2000SM18LBSE2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-554P	LS2000SM18LPSE2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-576	LS2000SN25LMSE2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-576P	LS2000SN25LPSE2S LINE OF SIGHT		\$ 17,900	Yes	GAS
012731-577	LS2000SM25LMSE2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-577B	LS2000SM25LBSE2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-577P	LS2000SM25LPSE2S LINE OF SIGHT		\$ 16,300	Yes	GAS
012731-803	LS2000SM18SMSK1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-853	LS2000SM18LMSK1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-904	LS2000SM18SMSR2S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-905	LS2000SM18SMSR1S LINE OF SIGHT		\$ 13,600	Yes	GAS
012731-927	LS2000SM25SMSR2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-953	LS2000SM18LMSR1S LINE OF SIGHT		\$ 15,900	Yes	GAS
012731-954	LS2000SM18LMSR2S LINE OF SIGHT		\$ 15,900	Yes	GAS
012738-001	DSMSN13T,DSM MOS,SST,3/4 NPT		\$ 3,100	Yes	GAS
012790-001	THERMAL SHIELD RIGHT		\$ 280	Yes	GAS
012791-001	THERMAL SHIELD LEFT		\$ 280	Yes	GAS
012820-001	20pcs O-RING, Q9033 COLLAR		\$ 120	Yes	FLM
012840-001	COLLAR KIT,GAS CELL,LS2000		\$ 430	Yes	GAS
013000-001	X2200GA4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 5,000	Yes	FLM
013001-001	X2200GS4M11R2 FLAME DETECTOR	SS,M25,RLY,RUSSIAN	\$ 6,000	Yes	FLM
013010-001	X2200GA4N11SE1 FLAME DETECTOR		\$ 5,000	Yes	FLM
013011-001	X2200GA4M11SE1 FLAME DETECTOR		\$ 5,000	Yes	FLM
013011-003	X2200GA4M11SE1 FLAME DETECTOR		\$ 5,000	Yes	FLM
013012-001	X2200GS4N11SE1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013013-001	X2200GS4M11SE1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013014-001	X2200GA4N11SE2 FLAME DETECTOR		\$ 5,000	Yes	FLM
013015-001	X2200GA4M11SE2 FLAME DETECTOR		\$ 5,000	Yes	FLM
013015-002	X2200GA4M11SE2 FLAME DETECTOR		\$ 5,000	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
013015-007	X2200GA4M11SE2 FLAME DETECTOR		\$ 5,000	Yes	FLM
013015-020	X2200GA4M11SE2 FLAME DETECTOR		\$ 5,000	Yes	FLM
013016-001	X2200GS4N11SE2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013017-001	X2200GS4M11SE2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013017-006	X2200GS4M11SE2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013018-001	X2200GA4N13SE1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013018-019	X2200GA4N13SE1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013019-001	X2200GA4M13SE1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013020-001	X2200GS4N13SE1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013021-001	X2200GS4M13SE1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013022-001	X2200GA4N13SE2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013023-001	X2200GA4M13SE2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013023-001-NF	X2200GA4M13SE2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013024-001	X2200GS4N13SE2 FLAME DETECTOR		\$ 6,100	Yes	FLM
013025-001	X2200GS4M13SE2 FLAME DETECTOR		\$ 6,100	Yes	FLM
013026-001	X2200GA4N23SE1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013027-001	X2200GA4M23SE1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013028-001	X2200GS4N23SE1 FLAME DETECTOR		\$ 6,600	Yes	FLM
013029-001	X2200GS4M23SE1 FLAME DETECTOR		\$ 6,600	Yes	FLM
013030-001	X2200GA4N23SE2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013031-001	X2200GA4M23SE2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013031-007	X2200GA4M23SE2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013032-001	X2200GS4N23SE2 FLAME DETECTOR		\$ 6,600	Yes	FLM
013033-001	X2200GS4M23SE2 FLAME DETECTOR		\$ 6,600	Yes	FLM
013034-001	X2200GA4N14E1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013035-001	X2200GA4M14E1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013036-001	X2200GS4N14E1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013037-001	X2200GS4M14E1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013038-001	X2200GA4N14E2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013039-001	X2200GA4M14E2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013040-001	X2200GS4N14E2 FLAME DETECTOR		\$ 6,100	Yes	FLM
013041-001	X2200GS4M14E2 FLAME DETECTOR		\$ 6,100	Yes	FLM
013042-003	X2200GMA4N11SE2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013042-013	X2200GMA4N11SE2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013043-003	X2200GMA4M11SE2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013043-013	X2200GMA4M11SE2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013050-006	X2200GA4N15E1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013051-001	X2200GS4N15E1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013051-006	X2200GS4N15E1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013053-006	X2200GA4N24E1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013054-006	X2200GS4N24E1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013062-019	X2200GA4M13T1 FLAME DETECTOR	AL M25 RLY/4-20,EX D E	\$ 5,100	Yes	FLM
013063-005	X2200GA4M13T2 FLAME DETECTOR	AL M25 RLY/4-20,EX D	\$ 5,100	Yes	FLM
013063-019	X2200GA4M13T2 FLAME DETECTOR	AL M25 RLY/4-20,EX D	\$ 5,100	Yes	FLM
013070-001	X2200G,HEAD,AL,EX D E,ATEX/SIL		\$ 3,900	Yes	FLM
013071-001	X2200G,HEAD,AL,EX D,ATEX/SIL		\$ 3,900	Yes	FLM
013072-001	X2200G,HEAD,SS,EX D E,ATEX/SIL		\$ 4,300	Yes	FLM
013073-001	X2200G,HEAD,SS,EX D,ATEX/SIL		\$ 4,300	Yes	FLM
013080-001	X2200G, HEAD, AL, EX D E		\$ 4,100	Yes	FLM
013081-001	X2200G, HEAD, AL, EX D		\$ 4,100	Yes	FLM
013081-007	X2200G, HEAD, AL, EX D		\$ 4,100	Yes	FLM
013082-001	X2200G, HEAD, SS, EX D E		\$ 4,500	Yes	FLM
013083-001	X2200G, HEAD, SS, EX D		\$ 4,500	Yes	FLM
013084-001	X2200GM,MOLY,HEAD, AL, EX D E		\$ 4,500	Yes	FLM
013085-001	X2200GM,MOLY, HEAD,AL, EX D		\$ 4,500	Yes	FLM
013085-003	X2200GM,MOLY, HEAD,AL, EX D		\$ 4,500	Yes	FLM
013085-013	X2200GM,MOLY, HEAD,AL, EX D		\$ 4,500	Yes	FLM
013086-001	X2200GM,MOLY, HEAD,SS, EX D E		\$ 4,900	Yes	FLM
013087-001	X2200GM,MOLY, HEAD, SS,EX D		\$ 4,900	Yes	FLM
013088-001	X2200GA4M11U1 FLAME DETECTOR		\$ 5,000	Yes	FLM
013089-001	X2200GS4M11U1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013090-001	X2200GA4M11U2 FLAME DETECTOR		\$ 5,000	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
013091-001	X2200GS4M11U2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013092-001	X2200GA4M13U1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013093-001	X2200GS4M13U1 FLAME DETECTOR		\$ 6,100	Yes	FLM
013094-001	X2200GA4M13U2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013095-001	X2200GS4M13U2 FLAME DETECTOR		\$ 6,100	Yes	FLM
013096-001	X2200GA4M15R2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013098-001	X2200GA4N13C1 FLAME DETECTOR		\$ 5,100	Yes	FLM
013102-001	X2200GA4N13C2 FLAME DETECTOR		\$ 5,100	Yes	FLM
013200-001	X5200GA4M11R1 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 5,400	Yes	FLM
013201-001	X5200GA4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 5,400	Yes	FLM
013201-006	X5200GA4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 5,400	Yes	FLM
013201-007	X5200GA4M11R2 FLAME DETECTOR	AL,M25,RELAY,RUSSIAN	\$ 5,400	Yes	FLM
013202-001	X5200GS4M11R2 FLAME DETECTOR	SS,M25,RELAY,RUSSIAN	\$ 6,400	Yes	FLM
013203-001	X5200GA4M13R1 FLAME DETECTOR	AL,M25,RLY/4-20,RUSSIAN	\$ 5,600	Yes	FLM
013204-001	X5200GS4M13R1 FLAME DETECTOR	SS,M25,RLY/4-20,RUSSIAN	\$ 6,500	Yes	FLM
013205-001	X5200GA4M13R2 FLAME DETECTOR	AL,M25,RLY/4-20,RUSSIAN	\$ 5,600	Yes	FLM
013206-001	X5200GS4M11R1 FLAME DETECTOR		\$ 6,400	Yes	FLM
013207-001	X5200GS4M13R2 FLAME DETECTOR		\$ 6,500	Yes	FLM
013208-001	X5200GA4M14R1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013209-001	X5200GS4M14R1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013210-001	X5200GA4M14R2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013211-001	X5200GS4M14R2 FLAME DETECTOR		\$ 6,500	Yes	FLM
013220-001	X5200GA4N15K2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013221-001	X5200GS4M23R2 FLAME DETECTOR		\$ 7,000	Yes	FLM
013244-001	X5200GA4N11SE1 FLAME DETECTOR		\$ 5,400	Yes	FLM
013244-005	X5200GA4N11SE1 FLAME DETECTOR		\$ 5,400	Yes	FLM
013244-006	X5200GA4N11SE1 FLAME DETECTOR		\$ 5,400	Yes	FLM
013244-007	X5200GA4N11SE1 FLAME DETECTOR		\$ 5,400	Yes	FLM
013245-001	X5200GA4M11SE1 FLAME DETECTOR	AL,M25,RELAY,EX D E	\$ 5,400	Yes	FLM
013245-007	X5200GA4M11SE1 FLAME DETECTOR	AL,M25,RELAY,EX D E	\$ 5,400	Yes	FLM
013246-001	X5200GS4N11SE1 FLAME DETECTOR		\$ 6,400	Yes	FLM
013247-001	X5200GS4M11SE1 FLAME DETECTOR		\$ 6,400	Yes	FLM
013247-007	X5200GS4M11SE1 FLAME DETECTOR		\$ 6,400	Yes	FLM
013248-001	X5200GA4N11SE2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013249-001	X5200GA4M11SE2 FLAME DETECTOR	AL,M25,RLY,Ex d	\$ 5,400	Yes	FLM
013249-001-NF	X5200GA4M11SE2 FLAME DETECTOR	AL,M25,RLY,Ex d	\$ 5,400	Yes	FLM
013249-006	X5200GA4M11SE2 FLAME DETECTOR	AL,M25,RLY,Ex d	\$ 5,400	Yes	FLM
013249-007	X5200GA4M11SE2 FLAME DETECTOR	AL,M25,RLY,Ex d	\$ 5,400	Yes	FLM
013250-001	X5200GS4N11SE2 FLAME DETECTOR		\$ 6,400	Yes	FLM
013250-007	X5200GS4N11SE2 FLAME DETECTOR		\$ 6,400	Yes	FLM
013251-001	X5200GS4M11SE2 FLAME DETECTOR		\$ 6,400	Yes	FLM
013251-001-NF	X5200GS4M11SE2 FLAME DETECTOR		\$ 6,400	Yes	FLM
013252-001	X5200GA4N13SE1 FLAME DETECTOR	AL,3/4,RL/0-20,EXDE,EN-54,ATEX	\$ 5,600	Yes	FLM
013252-022	X5200GA4N13SE1 FLAME DETECTOR	AL,3/4,RL/0-20,EXDE,EN-54,ATEX	\$ 5,600	Yes	FLM
013253-001	X5200GA4M13SE1 FLAME DETECTOR	AL,M25,RLY/0-20,EXDE,EN-54,ATX	\$ 5,600	Yes	FLM
013254-001	X5200GS4N13SE1 FLAME DETECTOR	SS,3/4,RL/0-20,EXDE,EN-54,ATEX	\$ 6,500	Yes	FLM
013255-001	X5200GS4M13SE1 FLAME DETECTOR	SS,M25,RL/0-20,EXDE,EN-54,ATEX	\$ 6,500	Yes	FLM
013256-001	X5200GA4N13SE2 FLAME DETECTOR	AL,3/4,RLY/0-20,EXD,EN-54,ATEX	\$ 5,600	Yes	FLM
013257-001	X5200GA4M13SE2 FLAME DETECTOR	AL,M25,RLY/0-20,EXD,EN54,ATEX	\$ 5,600	Yes	FLM
013257-023	X5200GA4M13SE2 FLAME DETECTOR	AL,M25,RLY/0-20,EXD,EN54,ATEX	\$ 5,600	Yes	FLM
013258-001	X5200GS4N13SE2 FLAME DETECTOR	SS,3/4,RLY/0-20,EXD,EN54,ATEX	\$ 6,500	Yes	FLM
013259-001	X5200GS4M13SE2 FLAME DETECTOR	SS,M25,RLY/0-20,EXD,EN54,ATEX	\$ 6,500	Yes	FLM
013260-001	X5200GA4N23SE1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013261-001	X5200GA4M23SE1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013261-001-NF	X5200GA4M23SE1 FLAME DETECTOR		\$ 6,000	Yes	FLM
013262-001	X5200GS4N23SE1 FLAME DETECTOR		\$ 7,000	Yes	FLM
013263-001	X5200GS4M23SE1 FLAME DETECTOR		\$ 7,000	Yes	FLM
013264-001	X5200GA4N23SE2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013265-001	X5200GA4M23SE2 FLAME DETECTOR		\$ 6,000	Yes	FLM
013266-001	X5200GS4N23SE2 FLAME DETECTOR		\$ 7,000	Yes	FLM
013267-001	X5200GS4M23SE2 FLAME DETECTOR		\$ 7,000	Yes	FLM
013267-015	X5200GS4M23SE2 FLAME DETECTOR	VHUV,LOARC,VHIR+QK,AUX=FIRE	\$ 7,000	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
013268-001	X5200GA4N14E1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013269-001	X5200GA4M14E1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013270-001	X5200GS4N14E1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013271-001	X5200GS4M14E1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013272-001	X5200GA4N14E2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013273-001	X5200GA4M14E2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013274-001	X5200GS4N14E2 FLAME DETECTOR		\$ 6,500	Yes	FLM
013275-001	X5200GS4M14E2 FLAME DETECTOR		\$ 6,500	Yes	FLM
013276-001	X5200GA4M15E1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013277-001	X5200GA4N15E1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013277-006	X5200GA4N15SE1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013278-001	X5200GS4N15E1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013278-006	X5200GS4N15E1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013280-006	X5200GA4N24E1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013281-006	X5200GS4N24E1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013288-001	X5200G, HEAD, AL, EX D E		\$ 4,300	Yes	FLM
013289-001	X5200G, HEAD, AL, EX D		\$ 4,300	Yes	FLM
013289-007	X5200G, HEAD, AL, EX D		\$ 4,300	Yes	FLM
013290-001	X5200G, HEAD, SS, EX D E		\$ 4,700	Yes	FLM
013291-001	X5200G, HEAD, SS, EX D		\$ 4,700	Yes	FLM
013291-007	X5200G, HEAD, SS, EX D		\$ 4,700	Yes	FLM
013292-001	X5200GA4M11U1 FLAME DETECTOR		\$ 5,400	Yes	FLM
013293-001	X5200GS4M11U1 FLAME DETECTOR		\$ 6,400	Yes	FLM
013294-001	X5200GA4M11U2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013294-022	X5200GA4M11U2 FLAME DETECTOR		\$ 5,400	Yes	FLM
013295-001	X5200GS4M11U2 FLAME DETECTOR		\$ 6,400	Yes	FLM
013296-001	X5200GA4M13U1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013297-001	X5200GS4M13U1 FLAME DETECTOR		\$ 6,500	Yes	FLM
013298-001	X5200GA4M13U2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013299-001	X5200GS4M13U2 FLAME DETECTOR		\$ 6,500	Yes	FLM
013308-001	X5200GA4N13C1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013312-001	X5200GA4N13C2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013320-022	X5200GA4N13T1 FLAME DETECTOR		\$ 5,600	Yes	FLM
013321-022	X5200GA4N13T2 FLAME DETECTOR		\$ 5,600	Yes	FLM
013322-022	X5200GA4M13T1 FLAME DETECTOR	AL M25 RLY/4-20,EX D E	\$ 5,600	Yes	FLM
013323-022	X5200GA4M13T2 FLAME DETECTOR	AL M25 RLY/4-20,EX D	\$ 5,600	Yes	FLM
013370-001	X5200G,HEAD,AL,EX D E,ATEX/SIL		\$ 4,100	Yes	FLM
013371-001	X5200G,HEAD,AL,EX D,ATEX/SIL		\$ 4,100	Yes	FLM
013372-001	X5200G,HEAD,SS,EX D E,ATEX/SIL		\$ 4,500	Yes	FLM
013373-001	X5200G,HEAD,SS,EX D,ATEX/SIL		\$ 4,500	Yes	FLM
013374-022	X5200G,HEAD,AL,EXD,FM/ATEX/SIL		\$ 4,300	Yes	FLM
013375-022	X5200G,HD,AL,EXDE,FM/ATEX/SIL		\$ 4,300	Yes	FLM
013626-001	Q5016 CHAMBER GASKET		\$ 29	Yes	FLM
013628-001	Q5016 OUTLET TUBE 1 FOOT		\$ 210	Yes	FLM
013653-001	Q5016 INLET TUBE STOP		\$ 11	Yes	FLM
013655-001	DIFFERENTIAL PRESSURE PLUGS		\$ 59	Yes	FLM
013660-001	Q5016 INLET TUBE, 1 FT W/ STOP		\$ 210	Yes	FLM
013660-003	Q5016 INLET TUBE, 3 FT W/ STOP		\$ 240	Yes	FLM
013660-006	Q5016 INLET TUBE, 6 FT W/ STOP		\$ 440	Yes	FLM
013660-010	Q5016 INLET TUBE,10 FT W/ STOP		\$ 720	Yes	FLM
013876-001	ADAPTER PLATE		\$ 560	Yes	GAS
013901-001	Q5016-1 DUCT MOUNT		\$ 2,000	Yes	FLM
013901-003	Q5016-3 DUCT MOUNT		\$ 2,000	Yes	FLM
013901-006	Q5016-6 DUCT MOUNT		\$ 2,000	Yes	FLM
013901-010	Q5016-10 DUCT MOUNT		\$ 2,000	Yes	FLM
013901-011	Q5016-1,DUCT MOUNT,RED		\$ 2,300	Yes	FLM
013901-013	Q5016-3,DUCT MOUNT,RED		\$ 2,300	Yes	FLM
013901-016	Q5016-6,DUCT MOUNT,RED		\$ 2,300	Yes	FLM
013901-020	Q5016-10,DUCT MOUNT,RED		\$ 2,300	Yes	FLM
013901-901	Q5016R-1 DUCT MOUNT, RUSSIAN		\$ 2,000	Yes	FLM
013901-903	Q5016R-3 DUCT MOUNT,RUSSIAN		\$ 2,000	Yes	FLM
013901-906	Q5016R-6 DUCT MOUNT,RUSSIAN		\$ 2,000	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
013901-910	Q5016R-10 DUCT MOUNT,RUSSIAN		\$ 2,000	Yes	FLM
013901-911	Q5016R-1-RED,DUCT MNT,RUSSIAN		\$ 2,300	Yes	FLM
013901-913	Q5016R-3-RED,DUCT MNT,RUSSIAN		\$ 2,300	Yes	FLM
013901-916	Q5016R-6-RED,DUCT MNT,RUSSIAN		\$ 2,300	Yes	FLM
013901-920	Q5016R-10-RED,DUCT MNT,RUSSIAN		\$ 2,300	Yes	FLM
013993-001	MODULE CTX10		\$ 810	Yes	GAS
014008-001	EQ2230RSP,SURGE PROTECTR.,EQP		\$ 360	Yes	SYS
014019-001	GAS INSPECTOR II CD		\$ 700	Yes	GAS
014020-001	W6300G1006 GAS INSPECTOR II		\$ 910	Yes	GAS
014023-011	UD30A3N12SA2	AL,3P,3/4,NO RELAY,SIL/FM/CSA	\$ 1,200	Yes	GAS
014023-012	UD30A3N12SE2	AL,3P,3/4,NO RELAY,SIL/ATEX/IE	\$ 1,200	Yes	GAS
014023-013	UD30A3N13SA2	AL,3P,3/4,W RELAY,SIL/FM/CSA	\$ 1,300	Yes	GAS
014023-014	UD30A3N13SE2	AL,3P,3/4,W RELAY,SIL/ATEX/IEC	\$ 1,300	Yes	GAS
014023-015	UD30A3F12SA2	AL,3P,M20,NO RELAY,SIL/FM/CSA	\$ 1,200	Yes	GAS
014023-016	UD30A3F12SE2	AL,3P,M20,NO RELAY,SIL/ATEX/IE	\$ 1,200	Yes	GAS
014023-017	UD30A3F13SA2	AL,3P,M20,W RELAY,SIL/FM/CSA	\$ 1,300	Yes	GAS
014023-018	UD30A3F13SE2	AL,3P,M20,W RELAY,SIL/ATEX/IEC	\$ 1,300	Yes	GAS
014023-211	UD30A3N12SB2	AL,3P,3/4,NO RLY,SIL/INMETRO	\$ 1,200	Yes	GAS
014023-213	UD30A3N13SB2	AL,3P,3/4,W RLY,SIL/INMETRO	\$ 1,300	Yes	GAS
014026-001	STP PLUG,20PK,M20,AL,IP66,EXDE		\$ 1,200	Yes	GAS
014027-001	STP PLUG,20PK,M20,SS,IP66,EXDE		\$ 1,700	Yes	GAS
014028-001	UD30 DISPLAY MODULE NO RELAYS		\$ 980	Yes	GAS
014028-002	UD30 DISPLAY MOD WITH RELAYS		\$ 1,200	Yes	GAS
014029-011	UD30S3N12SA2	SS,3P,3/4,NO RELAY,SIL/FM/CSA	\$ 1,700	Yes	GAS
014029-012	UD30S3N12SE2	SS,3P,3/4,NO RELAY,SIL/ATEX/IE	\$ 1,700	Yes	GAS
014029-013	UD30S3N13SA2	SS,3P,3/4,W RELAY,SIL/FM/CSA	\$ 1,900	Yes	GAS
014029-014	UD30S3N13SE2	SS,3P,3/4,W RELAY,SIL/ATEX/IEC	\$ 1,900	Yes	GAS
014029-015	UD30S3F12SA2	SS,3P,M20,NO RELAY,SIL/FM/CSA	\$ 1,700	Yes	GAS
014029-016	UD30S3F12SE2	SS,3P,M20,NO RELAY,SIL/ATEX/IE	\$ 1,700	Yes	GAS
014029-017	UD30S3F13SA2	SS,3P,M20,W RELAY,SIL/FM/CSA	\$ 1,900	Yes	GAS
014029-018	UD30S3F13SE2	SS,3P,M20,W RELAY,SIL/ATEX/IEC	\$ 1,900	Yes	GAS
014029-211	UD30S3N12SB2	SS,3P,3/4,NO RLY,SIL/INMETRO	\$ 1,700	Yes	GAS
014029-213	UD30S3N13SB2	SS,3P,3/4,W RLY,SIL/INMETRO	\$ 1,900	Yes	GAS
014031-002	EQ3780DT, HSDM		\$ 8,200	Yes	SYS
014046-201	PIRECLA11A1T1 DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 3,800	Yes	GAS
014046-201B	PIRECLA11A1T1 DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 3,800	Yes	GAS
014046-201E	PIRECLA11A1T1 DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 3,800	Yes	GAS
014046-201P	PIRECLA11A1T1 DETECTOR	3/4,4-20,NO ALRM,W/HYD, SIL	\$ 3,800	Yes	GAS
014046-202	PIRECLB11A1T1 DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 3,800	Yes	GAS
014046-202E	PIRECLB11A1T1 DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 3,800	Yes	GAS
014046-202P	PIRECLB11A1T1 DETECTOR	M25,4-20,NO ALRM,W/HYD,SIL	\$ 3,800	Yes	GAS
014046-205	PIRECLA11B1T2 DETECTOR	3/4,4-20,W/RELY,W/HYDRO,SIL	\$ 4,200	Yes	GAS
014046-205P	PIRECLA11B1T2 DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 4,300	Yes	GAS
014046-206	PIRECLB11B1T2 DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 4,200	Yes	GAS
014046-210	PIRECLA11A3T1 DETECTOR	3/4,4-20,DUCT,W/ HYDRO,SIL	\$ 3,800	Yes	GAS
014046-212	PIRECLA14A1T1 DETECTOR EQP		\$ 4,300	Yes	GAS
014046-213	PIRECLB14A1T1 DETECTOR EQP		\$ 4,300	Yes	GAS
014046-216	PIRECLA14A3T1 DETECTOR EQP	3/4,EQP,DUCT,W/ HYD, SIL	\$ 4,300	Yes	GAS
014046-217	PIRECLB14A3T1 DETECTOR EQP	M25,EQP,DUCT,W/ HYD, SIL	\$ 4,300	Yes	GAS
014046-240	PIRECLB11A3T1 DETECTOR	M25,4-20,DUCT,W/ HYD, SIL	\$ 3,800	Yes	GAS
014046-241	PIRECLA11A1T2 DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 3,800	Yes	GAS
014046-241P	PIRECLA11A1T2 DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 3,800	Yes	GAS
014046-242	PIRECLA11A3T2 DETECTOR	3/4,4-20,1/16"HYD,QUAD/SIL	\$ 3,800	Yes	GAS
014046-242E	PIRECLA11A3T2 DETECTOR	3/4,4-20,1/16"HYD,QUAD/SIL	\$ 3,800	Yes	GAS
014046-243	PIRECLA14A1T2 DETECTOR EQP	3/4,EQP,W/ HYDRO,QUAD/SIL	\$ 4,300	Yes	GAS
014046-243P	PIRECLA14A1T2 DETECTOR EQP	3/4,EQP,W/ HYDRO,QUAD/SIL	\$ 4,300	Yes	GAS
014046-244	PIRECLA14A3T2 DETECTOR EQP	3/4,EQP,1/16" HYD,QUAD/SIL	\$ 4,300	Yes	GAS
014046-245	PIRECLB11A1T2 DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 3,800	Yes	GAS
014046-245E	PIRECLB11A1T2 DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 3,800	Yes	GAS
014046-245-LG	PIRECLB11A1T2-LG DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 4,000	Yes	GAS
014046-245P	PIRECLB11A1T2 DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 4,000	Yes	GAS
014046-246	PIRECLB11A3T2 DETECTOR	M25,4-20,1/16"HYD,QUAD/SIL	\$ 3,800	Yes	GAS

2025 Numeric Price List

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
014046-247	PIRECLB14A1T2 DETECTOR EQP	M25,EQP,W/ HYDRO,QUAD/SIL	\$ 4,300	Yes	GAS
014046-248	PIRECLB14A3T2 DETECTOR	M25,EQP,1/16" HYD,QUAD/SIL	\$ 4,300	Yes	GAS
014046-605	PIRECLA11B1BT2 GAS DETECTOR		\$ 4,200	Yes	GAS
014046-641	PIRECLA11A1BT2 GAS DETECTOR		\$ 3,800	Yes	GAS
014046-642	PIRECLB11A1BT2 GAS DETECTOR		\$ 3,800	Yes	GAS
014046-643	PIRECLA14A1BT2 GAS DETECTOR	EQP	\$ 4,300	Yes	GAS
014046-644	PIRECLA14A3BT2 DETECTOR EQP	3/4,EQP,1/16" HYD,CEPEL/SIL	\$ 4,500	Yes	GAS
014046-646	PIRECLA11A1BT1 GAS DETECTOR		\$ 3,800	Yes	GAS
014048-201	PIRECLA11D1T1 DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,SIL	\$ 3,600	Yes	GAS
014048-201P	PIRECLA11D1T1 DETECTOR	3/4,4-20,W/O RLY,W/ HYDRO,SIL	\$ 3,600	Yes	GAS
014048-202	PIRECLB11D1T1 DETECTOR	M25,4/20,W/O RLY,W/ HYDRO,SIL	\$ 3,600	Yes	GAS
014048-205	PIRECLA11E1T2 DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 4,000	Yes	GAS
014048-205E	PIRECLA11E1T2 DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 4,000	Yes	GAS
014048-205P	PIRECLA11E1T2 DETECTOR	3/4,4-20,W/RLY,W/HYDRO,SIL	\$ 4,000	Yes	GAS
014048-206	PIRECLB11E1T2 DETECTOR	M25,4/20,W/ RLY,W/ HYDRO,SIL	\$ 4,000	Yes	GAS
014048-210	PIRECLA11D3T1 DETECTOR	3/4,4/20,DUCT,W/ HYDRO,SIL	\$ 3,600	Yes	GAS
014048-210P	PIRECLA11D3T1 DETECTOR	3/4,4/20,DUCT,W/ HYDRO,SIL	\$ 3,600	Yes	GAS
014048-212	PIRECLA14D1T1 DETECTOR EQP	3/4,EQP,W/ HYDRO,SIL	\$ 4,100	Yes	GAS
014048-212P	PIRECLA14D1T1 DETECTOR EQP	3/4,EQP,W/ HYDRO,SIL	\$ 4,100	Yes	GAS
014048-213	PIRECLB14D1T1 DETECTOR EQP	M25,EQP,W/ HYDRO,SIL	\$ 4,100	Yes	GAS
014048-216	PIRECLA14D3T1 DETECTOR EQP	3/4,EQP,DUCT,W/ HYDRO, SIL	\$ 4,100	Yes	GAS
014048-217	PIRECLB14D3T1 DETECTOR EQP	M25,EQP,DUCT,W/ HYD, SIL	\$ 4,100	Yes	GAS
014048-223	PIRECLA11E5T2 DETECTOR	3/4,4-20,W/RLY,NOWTHR,SIL	\$ 3,800	Yes	GAS
014048-240	PIRECLB11D3T1 DETECTOR	M25,4-20,DUCT,W/ HYD, SIL	\$ 3,600	Yes	GAS
014048-241	PIRECLA11D1T2 DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 3,600	Yes	GAS
014048-241E	PIRECLA11D1T2 DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 3,600	Yes	GAS
014048-241P	PIRECLA11D1T2 DETECTOR	3/4,4-20,W/HYDRO,QUAD/SIL	\$ 3,600	Yes	GAS
014048-242	PIRECLA11D3T2 DETECTOR	3/4,4-20,1/16HYD,QUAD/SIL	\$ 3,600	Yes	GAS
014048-243	PIRECLA14D1T2 DETECTOR EQP	3/4,EQP,W/ HYDRO,QUAD/SIL	\$ 4,100	Yes	GAS
014048-244	PIRECLA14D3T2 DETECTOR EQP	3/4,EQP,1/16 HYD,QUAD/SIL	\$ 4,100	Yes	GAS
014048-245	PIRECLB11D1T2 DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 3,600	Yes	GAS
014048-246	PIRECLB11D3T2 DETECTOR	M25,4-20,1/16HYD,QUAD/SIL	\$ 3,600	Yes	GAS
014048-247	PIRECLB14D1T2 DETECTOR EQP	M25,EQP,W/ HYDRO,QUAD/SIL	\$ 4,100	Yes	GAS
014048-248	PIRECLB14D3T2 DETECTOR EQP	M25,EQP,1/16 HYD,QUAD/SIL	\$ 4,100	Yes	GAS
014048-345	PIRECLB11D1T2-YO DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL	\$ 3,900	Yes	GAS
014048-346	PIRECLB11D1T2-LG GAS DETECTOR		\$ 3,900	Yes	GAS
014048-347	PIRECLB11D1T2-B DETECTOR	M25,4-20,W/HYDRO,QUAD/SIL,BLCK	\$ 3,900	Yes	GAS
014048-633	PIRECLB11D2T2 GAS DETECTOR		\$ 3,600	Yes	GAS
014048-641	PIRECLA11D1BT2 DETECTOR		\$ 3,600	Yes	GAS
014048-643	PIRECLA14D1BT2 DETECTOR	EQP	\$ 4,100	Yes	GAS
014050-001	EQ3760DT, ASM		\$ 2,900	Yes	SYS
014050-002	EQ3760PT, ASM		\$ 2,900	Yes	SYS
014064-001	KIT,UD30 TO U9500 ADAPTER PLT		\$ 370	Yes	GAS
014100-410	DIR DUCT PIRECLA11A3T1 VERT		\$ 5,300	Yes	GAS
014101-410	DIR DUCT PIRECLA11D3T1 VERT	3/4,4-20,W/ HYDRO,SIL	\$ 5,100	Yes	GAS
014101-416	DIR DUCT PIRECLA14D3T1 VERT	3/4,EQP,W/ HYDRO,SIL	\$ 6,000	Yes	GAS
014101-417	DIR DUCT PIRECLB14D3T1 VERT	M25,EQP,W/ HYDRO,SIL	\$ 5,700	Yes	GAS
014101-440	DIR DUCT PIRECLB11D3T1 VERT	M25,4-20,W/ HYDRO,SIL	\$ 5,100	Yes	GAS
014102-001	REPLACEMENT GASKET KIT,CGS	RUBBER WASHER (FLUE MT)	\$ 94	Yes	GAS
014122-001	AC100/ATX10 KIT,3/4" NPT,BLACK	AC100SNT2-B AND ATX10S5N26T-B	\$ 21,750	Yes	GAS
014122-002	AC100/ATX10 KIT, M25, BLACK	AC100SMT2-B AND ATX10S5M26T-B	\$ 21,750	Yes	GAS
014123-001	SUN SHADE, UD10, UD30		\$ 350	Yes	GAS
014128-001	U-MOUNT FOR UD30 4" POLE		\$ 38	Yes	GAS
014128-002	U-MOUNT FOR UD30 2" POLE		\$ 38	Yes	GAS
014191-001	UD30A3N12SA2C	UD30/CGS 3/4NPT 3PORT AL 4-20	\$ 1,700	Yes	GAS
014191-002	UD30A3N12SE2C	UD30/CGS 3/4NPT 3PORT AL 4-20	\$ 1,700	Yes	GAS
014191-003	UD30A3N13SA2C	UD30/CGS 3/4,3PORT AL RLY 4-20	\$ 1,800	Yes	GAS
014191-004	UD30A3N13SE2C	UD30/CGS 3/4,3PORT AL RLY 4-20	\$ 1,800	Yes	GAS
014191-005	UD30A3F12SA2C	UD30/CGS M20 3PORT AL 4-20	\$ 1,700	Yes	GAS
014191-006	UD30A3F12SE2C	UD30/CGS M20 3PORT AL 4-20	\$ 1,700	Yes	GAS
014191-007	UD30A3F13SA2C	UD30/CGS M20 3PORT AL RLY 4-20	\$ 1,800	Yes	GAS
014191-008	UD30A3F13SE2C	UD30/CGS M20 3PORT AL RLY 4-20	\$ 1,800	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
014191-201	UD30A3N12SB2C	UD30/CGS 3/4NPT 3PORT AL 4-20	\$ 1,700	Yes	GAS
014191-203	UD30A3N13SB2C	UD30/CGS 3/4,3PORT AL RLY 4-20	\$ 1,800	Yes	GAS
014192-001	UD30S3N12SA2C	UD30/CGS 3/4NPT 3PORT SS 4-20	\$ 2,200	Yes	GAS
014192-002	UD30S3N12SE2C	UD30/CGS 3/4NPT 3PORT SS 4-20	\$ 2,200	Yes	GAS
014192-003	UD30S3N13SA2C	UD30/CGS 3/4,3PORT SS RLY 4-20	\$ 2,400	Yes	GAS
014192-004	UD30S3N13SE2C	UD30/CGS 3/4,3PORT SS RLY 4-20	\$ 2,400	Yes	GAS
014192-005	UD30S3F12SA2C	UD30/CGS M20 3PORT SS 4-20	\$ 2,200	Yes	GAS
014192-006	UD30S3F12SE2C	UD30/CGS M20 3PORT SS 4-20	\$ 2,200	Yes	GAS
014192-007	UD30S3F13SA2C	UD30/CGS M20 3PORT SS RLY 4-20	\$ 2,400	Yes	GAS
014192-008	UD30S3F13SE2C	UD30/CGS M20 3PORT SS RLY 4-20	\$ 2,400	Yes	GAS
014192-201	UD30S3N12SB2C	UD30/CGS 3/4NPT 3PORT SS 4-20	\$ 2,200	Yes	GAS
014192-203	UD30S3N13SB2C	UD30/CGS 3/4,3PORT SS RLY 4-20	\$ 2,400	Yes	GAS
014204-001	CYL,METHANE,1.1% VOL,25% LFL		\$ 510	Yes	GAS
014204-002	CYL,METHANE,2.5% VOL,50% LFL		\$ 510	Yes	GAS
014204-003	CYL,METHANE,100% VOL		\$ 510	Yes	GAS
014204-004	CYL,NITROGEN,100% VOL		\$ 510	Yes	GAS
014253-001	LASER HOLDER ATTACHMENT,LS2000		\$ 150	Yes	GAS
014254-001	LASER ALIGNER TARGET,LS2000		\$ 180	Yes	GAS
014255-001	LS2000 LASER ALIGNER ASSEMBLY		\$ 2,700	Yes	GAS
014256-001	LS2000 LASER ALIGNER TARGET		\$ 170	Yes	GAS
014296-001	LASER,ALIGNER KIT,LS2000		\$ 3,000	Yes	GAS
014331-001	SYSTEM TEST FILM, LS2000E		\$ 1,100	Yes	GAS
014394-001	CTX10A3N2T	AL,3 PORT,3/4NPT,4-20mA	\$ 1,300	Yes	GAS
014394-002	CTX10A3F2T	AL,3 PORT,M20,4-20mA	\$ 1,300	Yes	GAS
014394-201	CTX10A3N2SB	AL,3P,3/4,4-20mA, SIL/INMETRO	\$ 1,300	Yes	GAS
014395-001	CTX10S3N2T	SST,3 PORT,3/4NPT,4-20mA	\$ 1,600	Yes	GAS
014395-002	CTX10S3F2T	SST,3 PORT,M20,4-20mA	\$ 1,600	Yes	GAS
014395-201	CTX10S3N2SB	SS,3P,3/4,4-20mA, SIL/INMETRO	\$ 1,600	Yes	GAS
014560-001	UD30 TO UD30CGS CONVERSION KIT		\$ 750	Yes	GAS
014563-001	REPLACEMENT O-RING KIT,ATX10		\$ 61	Yes	GAS
014568-001	KIT,GASKET,PIRDUCT,QTY5	5x9 INCH DUCT GASKETS	\$ 170	Yes	GAS
014569-001	JUMPER,UD10 P12, 10PACK		\$ 110	Yes	GAS
022113-005	X3301,HEAD,AL,EXD,INMETRO,AUTO		\$ 8,000	Yes	FLM
022340-001	X3302, HEAD, AL, EX DE, SIL		\$ 4,800	Yes	FLM
022340-002	X3302, HEAD, AL, EX DE, SIL		\$ 4,800	Yes	FLM
022340-004	X3302, HEAD, AL, EX DE, SIL		\$ 4,800	Yes	FLM
022340-050	X3302, HEAD, AL, EX DE, SIL		\$ 4,800	Yes	FLM
022341-001	X3302, HEAD, SS, EX DE, SIL		\$ 5,100	Yes	FLM
022341-002	X3302, HEAD, SS, EX DE, SIL		\$ 5,100	Yes	FLM
022341-004	X3302, HEAD, SS, EX DE, SIL		\$ 5,100	Yes	FLM
022341-050	X3302, HEAD, SS, EX DE, SIL		\$ 5,100	Yes	FLM
022342-001	X3302, HEAD, AL, EX D, SIL		\$ 4,800	Yes	FLM
022342-002	X3302, HEAD, AL, EX D, SIL		\$ 4,800	Yes	FLM
022342-004	X3302, HEAD, AL, EX D, SIL		\$ 4,800	Yes	FLM
022342-050	X3302, HEAD, AL, EX D, SIL		\$ 4,800	Yes	FLM
022343-001	X3302, HEAD, SS, EX D, SIL		\$ 5,100	Yes	FLM
022343-002	X3302, HEAD, SS, EX D, SIL		\$ 5,100	Yes	FLM
022343-004	X3302, HEAD, SS, EX D, SIL		\$ 5,100	Yes	FLM
022343-050	X3302, HEAD, SS, EX D, SIL		\$ 5,100	Yes	FLM
027752-001	X3301,HEAD, AL, EX D E	MED, NL, AUX=EN,NL	\$ 4,400	Yes	FLM
027752-004	X3301,HEAD, AL, EX D E	LOW,NL,AUX=EN,NL	\$ 4,400	Yes	FLM
027752-034	X3301,HEAD, AL, EX D E	MED, NL, AUX=DE,NL,HANG	\$ 4,400	Yes	FLM
027753-001	X3301,HEAD, AL, EX D	MED,NL,AUX=EN,NL	\$ 4,400	Yes	FLM
027753-002	X3301,HEAD, AL, EX D	VH,NL,AUX=EN,NL	\$ 4,400	Yes	FLM
027753-003	X3301,HEAD, AL, EX D,SS AUTO	VH,NL, AUX=EN,NL, QK FIRE	\$ 8,000	Yes	FLM
027753-005	X3301,HEAD,AL,EX D, AUTOMOTIVE	MED,NL,AUX=DE,NL,AUTO	\$ 8,000	Yes	FLM
027753-006	X3301,HEAD, AL, EX D	MED,LAT,AUX=DE,LAT	\$ 4,400	Yes	FLM
027753-007	X3301,HEAD, AL, EX D	VH,LAT,AUX=DE,LAT	\$ 4,400	Yes	FLM
027753-011	X3301,HEAD, AL, EX D	TLOW,LAT,AUX=EN,LAT	\$ 4,400	Yes	FLM
027753-034	X3301,HEAD, AL, EX D	MED,NL,AUX=DE,NL,HANG	\$ 4,400	Yes	FLM
027754-001	X3301,HEAD, SS, EX D E		\$ 4,800	Yes	FLM
027755-001	X3301,HEAD, SS, EX D		\$ 4,800	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
027866-001	X3301 LON HEAD,AL,EX DE,SIL		\$ 4,400	Yes	FLM
027867-001	X3301 LON HEAD,SS,EX DE,SIL		\$ 4,800	Yes	FLM
027868-001	X3301 LON HEAD,AL,EX D ,SIL		\$ 4,400	Yes	FLM
027869-001	X3301 LON HEAD,SS,EX D,SIL		\$ 4,800	Yes	FLM
028100-034	X3301A4N11W1 FLAME DETECTOR	AL/RD,3/4NPT,RELAY,EX D E	\$ 5,900	Yes	FLM
028101-001	X3301A4M11W1 FLAME DETECTOR	MED, NL, AUX-EN, NL	\$ 5,900	Yes	FLM
028102-002	X3301S4N11W1 FLAME DETECTOR	SS,3/4NPT,RELAY,EX D E	\$ 6,900	Yes	FLM
028104-034	X3301A4N11W2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028104-035	X3301A4N11W2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028105-001	X3301A4M11W2 FLAME DETECTOR	MED, NL, AUX-EN, NL	\$ 5,900	Yes	FLM
028105-001-NF	X3301A4M11W2 FLAME DETECTOR	MED, NL, AUX-EN, NL	\$ 5,900	Yes	FLM
028105-002	X3301A4M11W2 FLAME DETECTOR	VH,NL,AUX=EN,NL	\$ 5,900	Yes	FLM
028105-006	X3301A4M11W2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028105-007	X3301A4M11W2 FLAME DETECTOR	VH,LAT,AUX=DE,LAT	\$ 5,900	Yes	FLM
028105-010	X3301A4M11W2 FLAME DETECTOR	TLOW,NL,AUX=EN,NL	\$ 5,900	Yes	FLM
028108-034	X3301A4N13W1 FLAME DETECTOR	AL/RD,3/4NPT,4-20/RELAY,EX D E	\$ 6,100	Yes	FLM
028108-035	X3301A4N13W1 FLAME DETECTOR	AL/RD,3/4NPT,4-20/RELAY,EX D E	\$ 6,100	Yes	FLM
028109-001	X3301A4M13W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028112-001	X3301A4N15W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028113-001	X3301A4M15W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028114-001	X3301S4N15W1 FLAME DETECTOR		\$ 7,000	Yes	FLM
028118-003	X3301A4N21W2 FLAME DETECTOR		\$ 10,400	Yes	FLM
028118-005	X3301A4N21W2 FLAME DETECTOR		\$ 10,400	Yes	FLM
028119-003	X3301A4M21W2 FLAME DETECTOR		\$ 10,400	Yes	FLM
028119-005	X3301A4M21W2 FLAME DETECTOR		\$ 10,400	Yes	FLM
028121-001	X3301A4M13W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028121-002	X3301A4M13W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028124-001	X3301A4N14W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028124-034	X3301A4N14W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028125-001	X3301A4M14W1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028125-034	X3301A4M14W1 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 6,100	Yes	FLM
028126-001	X3301S4N14W1 FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028126-034	X3301S4N14W1 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 7,000	Yes	FLM
028127-001	X3301S4M14W1 FLAME DETECTOR		\$ 7,000	Yes	FLM
028127-034	X3301S4M14W1 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 7,000	Yes	FLM
028128-001	X3301A4N14W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028128-034	X3301A4N14W2 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 6,100	Yes	FLM
028129-001	X3301A4M14W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028129-034	X3301A4M14W2 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 6,100	Yes	FLM
028130-001	X3301S4N14W2 FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028130-034	X3301S4N14W2 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 7,000	Yes	FLM
028131-034	X3301S4M14W2 FLAME DETECTOR	MED, NL, AUX-DE, NL, HANG	\$ 7,000	Yes	FLM
028132-001	X3301A4N15W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028133-001	X3301A4M15W2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028134-001	X3301S4N15W2 FLAME DETECTOR		\$ 7,000	Yes	FLM
028136-001	X3301A4M11R1 FLAME DETECTOR		\$ 5,900	Yes	FLM
028137-001	X3301S4M11R1 FLAME DETECTOR		\$ 6,900	Yes	FLM
028138-001	X3301A4M11R2 FLAME DETECTOR	AL/RD,M25,RELAY,EX D,RUSS	\$ 5,900	Yes	FLM
028139-001	X3301S4M11R2 FLAME DETECTOR		\$ 6,900	Yes	FLM
028140-001	X3301A4M13R1 FLAME DETECTOR	AL/RD,M25,4-20/RLY,EX D E,RUSS	\$ 6,100	Yes	FLM
028140-002	X3301A4M13R1 FLAME DETECTOR	AL/RD,M25,4-20/RLY,EX D E,RUSS	\$ 6,100	Yes	FLM
028141-001	X3301S4M13R1 FLAME DETECTOR	SS,M25,4-20/RLY,EX D E,RUSSIAN	\$ 7,000	Yes	FLM
028142-001	X3301A4M13R2 FLAME DETECTOR	AL/RD,M25,4-20/RLY,EX D,RUSSIA	\$ 6,100	Yes	FLM
028143-001	X3301S4M13R2 FLAME DETECTOR		\$ 7,000	Yes	FLM
028145-001	X3301S4N11R2 FLAME DETECTOR	SS,3/4 NPT,RELAY,EX D,RUSSIAN	\$ 6,900	Yes	FLM
028146-001	X3301A4N14SR1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028147-001	X3301S4M23K1 FLAME DETECTOR		\$ 7,500	Yes	FLM
028148-001	X3301A4M14K2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028149-001	X3301A4N14SR2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028150-001	X3301A4M11K1 FLAME DETECTOR	MED, NL, AX=EN,NLT, KAZ	\$ 5,900	Yes	FLM
028152-001	X3301A4M11U1 FLAME DETECTOR		\$ 5,900	Yes	FLM
028153-001	X3301S4M11U1 FLAME DETECTOR		\$ 6,900	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
028154-001	X3301A4M11U2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028155-001	X3301S4M11U2 FLAME DETECTOR		\$ 6,900	Yes	FLM
028156-001	X3301A4M13U1 FLAME DETECTOR		\$ 6,100	Yes	FLM
028157-001	X3301S4M13U1 FLAME DETECTOR		\$ 7,000	Yes	FLM
028158-001	X3301A4M13U2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028159-001	X3301S4M13U2 FLAME DETECTOR		\$ 7,000	Yes	FLM
028160-001	X3301A4M14R1 FLAME DETECTOR	AL,M25,EQP,EX D E,RUSSIAN	\$ 6,100	Yes	FLM
028161-001	X3301S4M14R1 FLAME DETECTOR	SS,M25,EQP,EX D E,RUSSIAN	\$ 7,000	Yes	FLM
028162-001	X3301A4M14R2 FLAME DETECTOR	AL,M25,EQP,EX D,RUSSIAN	\$ 6,100	Yes	FLM
028164-001	X3301A4N14R1 FLAME DETECTOR	AL,3/4NPT,EQP,EX D E,RUSSIAN	\$ 6,100	Yes	FLM
028165-001	X3301S4N14R1 FLAME DETECTOR	SS,3/4,EQP,EX D E,RUSSIAN	\$ 7,000	Yes	FLM
028171-001	X3301A4M15R2 FLAME DETECTOR	AL,M25,RELAY/PULSE,EX D,RUSS	\$ 6,100	Yes	FLM
028173-001	X3301S4M15R2 FLAME DETECTOR	SS,M25,RELAY/PULSE,EX D,RUSS	\$ 7,000	Yes	FLM
028176-001	X3301A4M23SR2 FLAME DETECTOR	AL,M25,HART,EX D,RUSSIAN/SIL	\$ 6,500	Yes	FLM
028179-001	X3301S4N13R2 FLAME DETECTOR	SS,3/4NPT,RLY/4-20,EX D,RUSSIA	\$ 7,000	Yes	FLM
028200-001	X3301A4N11B2 FLAME DETECTOR	X3301A4N11B2 FLAME INMETRO	\$ 5,900	Yes	FLM
028201-001	X3301S4N11B2 FLAME DETECTOR	X3301S4N11B2 FLAME INMETRO	\$ 6,900	Yes	FLM
028204-001	X3301A4N14B2 FLAME DETECTOR	AL/RD,3/4NPT, LON, EXD, BRAZIL	\$ 6,100	Yes	FLM
028205-001	X3301S4N14B2 FLAME DETECTOR	SS, 3/4NPT, LON, EXD, BRAZIL	\$ 7,000	Yes	FLM
028205-010	X3301S4N14B2 FLAME DETECTOR	TURBINE CONFIGURATION, LON SS	\$ 7,000	Yes	FLM
028215-001	X3301S4M23R2 FLAME DETECTOR	SS,M25,HART,EX D,RUSSIAN	\$ 7,500	Yes	FLM
028215-002	X3301S4M23R2 FLAME DETECTOR	SS,M25,HART,EX D,RUSSIAN	\$ 7,500	Yes	FLM
028224-001	X3301S4M13T2-R FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 7,200	Yes	FLM
028228-005	X3301A4N22W2 FLAME DETECTOR		\$ 10,400	Yes	FLM
028234-001	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028234-002	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028234-006	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028234-010	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028234-034	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028234-035	X3301A4N11T1 FLAME DETECTOR	AL,3/4,RELAY,SIL/QUAD,EXDE	\$ 5,900	Yes	FLM
028235-001	X3301A4M11T1 FLAME DETECTOR		\$ 5,900	Yes	FLM
028235-006	X3301A4M11T1 FLAME DETECTOR		\$ 5,900	Yes	FLM
028236-001	X3301S4N11T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
028237-001	X3301S4M11T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
028238-001	X3301A4N11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028238-034	X3301A4N11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-001	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-001-NF	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-002	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-002-NF	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-006	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-007	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-010	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-010-NF	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028239-011	X3301A4M11T2 FLAME DETECTOR		\$ 5,900	Yes	FLM
028240-001	X3301S4N11T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
028241-001	X3301S4M11T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
028241-010	X3301S4M11T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
028244-001	X3301A4N23T1 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D E	\$ 6,500	Yes	FLM
028244-002	X3301A4N23T1 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D E	\$ 6,500	Yes	FLM
028244-011	X3301A4N23T1 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D E	\$ 6,500	Yes	FLM
028245-001	X3301A4M23T1 FLAME DETECTOR	AL/RD,M25,HART,EX D E	\$ 6,500	Yes	FLM
028246-001	X3301S4N23T1 FLAME DETECTOR	SS,3/4NPT,HART,EX D E	\$ 7,500	Yes	FLM
028247-001	X3301S4M23T1 FLAME DETECTOR	SS,M25,HART,EX D E	\$ 7,500	Yes	FLM
028247-034	X3301S4M23T1 FLAME DETECTOR	SS,M25,HART,EX D E	\$ 7,500	Yes	FLM
028248-001	X3301A4N23T2 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D	\$ 6,500	Yes	FLM
028248-002	X3301A4N23T2 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D	\$ 6,500	Yes	FLM
028248-006	X3301A4N23T2 FLAME DETECTOR	AL/RD,3/4NPT,HART,EX D	\$ 6,500	Yes	FLM
028249-001	X3301A4M23T2 FLAME DETECTOR	AL/RD,M25,HART,EX D	\$ 6,500	Yes	FLM
028249-001-NF	X3301A4M23T2 FLAME DETECTOR	AL/RD,M25,HART,EX D	\$ 6,500	Yes	FLM
028249-002	X3301A4M23T2 FLAME DETECTOR	AL/RD,M25,HART,EX D	\$ 6,500	Yes	FLM
028250-001	X3301S4N23T2 FLAME DETECTOR	SS,3/4NPT,HART,EX D	\$ 7,500	Yes	FLM

2025 Numeric Price List

**** Detector Electronics LLC 2024-2025 Company Restricted. Distribution is not allowed without consent from Det-Tronics ****

Part Number	Description	Description Line 2	List Price	Price Changed	Type
028251-001	X3301S4M23T2 FLAME DETECTOR	SS,M25,HART,EX D	\$ 7,500	Yes	FLM
028251-001-NF	X3301S4M23T2 FLAME DETECTOR	SS,M25,HART,EX D	\$ 7,500	Yes	FLM
028251-002	X3301S4M23T2 FLAME DETECTOR	SS,M25,HART,EX D	\$ 7,500	Yes	FLM
028251-007	X3301S4M23T2 FLAME DETECTOR	SS,M25,HART,EX D	\$ 7,500	Yes	FLM
028251-012	X3301S4M23T2 FLAME DETECTOR	SS,M25,HART,EX D	\$ 7,500	Yes	FLM
028253-001	X3301S4M23SR2 FLAME DETECTOR		\$ 7,500	Yes	FLM
028258-001	X3301A4N13T1 FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 6,100	Yes	FLM
028258-002	X3301A4N13T1 FLAME DETECTOR	VH,NL,AUX=DE,NL,HANG	\$ 6,100	Yes	FLM
028258-006	X3301A4N13T1 FLAME DETECTOR	MED,LAT,AUX=DE,LAT	\$ 6,100	Yes	FLM
028258-010	X3301A4N13T1 FLAME DETECTOR	TLOW,NL,AUX=EN,NL	\$ 6,100	Yes	FLM
028258-034	X3301A4N13T1 FLAME DETECTOR	MED,NL,AUX=DE,NL,HANG	\$ 6,100	Yes	FLM
028258-035	X3301A4N13T1 FLAME DETECTOR	VH,NL,AUX=DE,NL,HANG	\$ 6,100	Yes	FLM
028259-001	X3301A4M13T1 FLAME DETECTOR	AL,M25,4-20 RELAY,EX D E	\$ 6,100	Yes	FLM
028259-010	X3301A4M13T1 FLAME DETECTOR	AL,M25,4-20 RELAY,EX D E	\$ 6,100	Yes	FLM
028260-001	X3301S4N13T1 FLAME DETECTOR	SS,3/4NPT,4-20/RLY,SIL,EX D E	\$ 7,000	Yes	FLM
028260-002	X3301S4N13T1 FLAME DETECTOR	SS,3/4NPT,4-20/RLY,SIL,EX D E	\$ 7,000	Yes	FLM
028260-006	X3301S4N13T1 FLAME DETECTOR	SS,3/4NPT,4-20/RLY,SIL,EX D E	\$ 7,000	Yes	FLM
028261-001	X3301S4M13T1 FLAME DETECTOR	SS,M25,4-20 RELAY,EX D E	\$ 7,000	Yes	FLM
028261-002	X3301S4M13T1 FLAME DETECTOR	SS,M25,4-20 RELAY,EX D E	\$ 7,000	Yes	FLM
028262-001	X3301A4N14T1 FLAME DETECTOR	AL/RD,3/4 NPT,EQP,EX D E	\$ 6,100	Yes	FLM
028263-001	X3301A4M14T1 FLAME DETECTOR	AL/RD,M25,EQP,EX D E	\$ 6,100	Yes	FLM
028264-001	X3301S4N14T1 FLAME DETECTOR	SS,3/4 NPT,EQP,EX D E	\$ 7,000	Yes	FLM
028265-001	X3301S4M14T1 FLAME DETECTOR	SS,M25,EQP,EX D E	\$ 7,000	Yes	FLM
028266-001	X3301A4M13SR2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028267-001	X3301A4M14SR2 FLAME DETECTOR		\$ 6,100	Yes	FLM
028268-001	X3301A4M23SR1 FLAME DETECTOR		\$ 6,500	Yes	FLM
028269-001	X3301S4M23SR1 FLAME DETECTOR		\$ 7,500	Yes	FLM
028270-001	X3301A4N13T2 FLAME DETECTOR	AL,3/4NPT,RLY/4-20,SIL,EX D	\$ 6,100	Yes	FLM
028270-002	X3301A4N13T2 FLAME DETECTOR	AL,3/4NPT,RLY/4-20,SIL,EX D	\$ 6,100	Yes	FLM
028270-006	X3301A4N13T2 FLAME DETECTOR	AL,3/4NPT,RLY/4-20,SIL,EX D	\$ 6,100	Yes	FLM
028270-034	X3301A4N13T2 FLAME DETECTOR	AL,3/4NPT,RLY/4-20,SIL,EX D	\$ 6,100	Yes	FLM
028271-001	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-001-NF	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-002	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-002-NF	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-006	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-007	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-034	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028271-035	X3301A4M13T2 FLAME DETECTOR	AL,M25,4-20/RLY,EX D	\$ 6,100	Yes	FLM
028272-001	X3301S4N13T2 FLAME DETECTOR	SS,3/4NPT,4-20/RLY,EX D	\$ 7,000	Yes	FLM
028272-010	X3301S4N13T2 FLAME DETECTOR	SS,3/4NPT,4-20/RLY,EX D	\$ 7,000	Yes	FLM
028273-001	X3301S4M13T2 FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028273-001-NF	X3301S4M13T2 FLAME DETECTOR	MED,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028273-002	X3301S4M13T2 FLAME DETECTOR	VH,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028273-004	X3301S4M13T2 FLAME DETECTOR	LOW,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028273-006	X3301S4M13T2 FLAME DETECTOR	MED,LAT,AUX=DE,LAT	\$ 7,000	Yes	FLM
028273-010	X3301S4M13T2 FLAME DETECTOR	TLOW,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028273-012	X3301S4M13T2 FLAME DETECTOR	HIGH,NL,AUX=EN,NL	\$ 7,000	Yes	FLM
028274-001	X3301A4N14T2 FLAME DETECTOR	AL/RD,3/4 NPT,EQP,EX D	\$ 6,100	Yes	FLM
028274-034	X3301A4N14T2 FLAME DETECTOR	AL/RD,3/4 NPT,EQP,EX D	\$ 6,100	Yes	FLM
028275-001	X3301A4M14T2 FLAME DETECTOR	AL/RD,M25,EQP,EX D	\$ 6,100	Yes	FLM
028275-034	X3301A4M14T2 FLAME DETECTOR	AL/RD,M25,EQP,EX D	\$ 6,100	Yes	FLM
028276-001	X3301S4N14T2 FLAME DETECTOR	SS,3/4 NPT,EQP,EX D	\$ 7,000	Yes	FLM
028277-001	X3301S4M14T2 FLAME DETECTOR	SS,M25,EQP,EX D	\$ 7,000	Yes	FLM
028278-001	X3301S4M13K1 FLAME DETECTOR		\$ 7,000	Yes	FLM
028279-001	X3301S4M23SK1 FLAME DETECTOR		\$ 7,500	Yes	FLM
028284-001	X3301A4N13Y2 FLAME DETECTOR	CCCF	\$ 6,700	Yes	FLM
028284-002	X3301A4N13Y2 FLAME DETECTOR	CCCF	\$ 6,700	Yes	FLM
028317-001	X3301S4N23SR2 FLAME DETECTOR		\$ 7,500	Yes	FLM
028663-001	X3301S4M23SB2 FLAME DETECTOR	SS, M25, 0-20, HART	\$ 7,500	Yes	FLM
028992-001	X3302, SENSOR MOD, AL, EX DE		\$ 4,800	Yes	FLM
028992-002	X3302, SENSOR MOD, AL, EX DE		\$ 4,800	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
028992-007	X3302, SENSOR MOD, AL, EX DE		\$ 4,800	Yes	FLM
028993-001	X3302, SENSOR MOD, AL, EX D		\$ 4,800	Yes	FLM
028993-002	X3302, SENSOR MOD, AL, EX D		\$ 4,800	Yes	FLM
028993-007	X3302, SENSOR MOD, AL, EX D		\$ 4,800	Yes	FLM
028994-001	X3302, SENSOR MOD, SS, EX DE		\$ 5,100	Yes	FLM
028994-002	X3302, SENSOR MOD, SS, EX DE		\$ 5,100	Yes	FLM
028994-007	X3302, SENSOR MOD, SS, EX DE		\$ 5,100	Yes	FLM
028995-001	X3302, SENSOR MOD, SS, EX D		\$ 5,100	Yes	FLM
028995-002	X3302, SENSOR MOD, SS, EX D		\$ 5,100	Yes	FLM
028995-007	X3302, SENSOR MOD, SS, EX D		\$ 5,100	Yes	FLM
029008-001	X3302A4N13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029008-002	X3302A4N13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029008-004	X3302A4N13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029008-050	X3302A4N13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029009-001	X3302A4M13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029009-002	X3302A4M13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029009-004	X3302A4M13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029009-050	X3302A4M13T1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029010-001	X3302S4N13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029010-002	X3302S4N13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029010-004	X3302S4N13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029010-050	X3302S4N13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029011-001	X3302S4M13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029011-002	X3302S4M13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029011-004	X3302S4M13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029011-050	X3302S4M13T1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029012-001	X3302A4N13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029012-002	X3302A4N13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029012-004	X3302A4N13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029012-050	X3302A4N13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029013-001	X3302A4M13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029013-002	X3302A4M13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029013-004	X3302A4M13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029013-050	X3302A4M13T2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029014-001	X3302S4N13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029014-002	X3302S4N13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029014-004	X3302S4N13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029014-050	X3302S4N13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029015-001	X3302S4M13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029015-002	X3302S4M13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029015-004	X3302S4M13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029015-050	X3302S4M13T2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029024-001	X3302A4N14W1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029024-002	X3302A4N14W1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029024-007	X3302A4N14W1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029025-001	X3302A4M14W1 FLAME DETECTOR		\$ 6,400	Yes	FLM
029026-001	X3302S4N14W1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029026-002	X3302S4N14W1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029026-007	X3302S4N14W1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029027-001	X3302S4M14W1 FLAME DETECTOR		\$ 7,400	Yes	FLM
029028-001	X3302A4N14W2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029028-002	X3302A4N14W2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029028-007	X3302A4N14W2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029029-001	X3302A4M14W2 FLAME DETECTOR		\$ 6,400	Yes	FLM
029030-001	X3302S4N14W2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029030-002	X3302S4N14W2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029030-007	X3302S4N14W2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029031-001	X3302S4M14W2 FLAME DETECTOR		\$ 7,400	Yes	FLM
029032-001	X3302A4N23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029032-002	X3302A4N23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029032-004	X3302A4N23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029032-050	X3302A4N23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
029033-001	X3302A4M23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029033-002	X3302A4M23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029033-004	X3302A4M23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029033-050	X3302A4M23T1 FLAME DETECTOR		\$ 6,900	Yes	FLM
029034-001	X3302S4N23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029034-002	X3302S4N23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029034-004	X3302S4N23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029034-050	X3302S4N23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029035-001	X3302S4M23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029035-002	X3302S4M23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029035-004	X3302S4M23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029035-050	X3302S4M23T1 FLAME DETECTOR		\$ 7,900	Yes	FLM
029036-001	X3302A4N23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029036-002	X3302A4N23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029036-004	X3302A4N23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029036-050	X3302A4N23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029037-001	X3302A4M23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029037-002	X3302A4M23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029037-004	X3302A4M23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029037-050	X3302A4M23T2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029038-001	X3302S4N23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029038-002	X3302S4N23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029038-004	X3302S4N23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029038-050	X3302S4N23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029039-001	X3302S4M23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029039-002	X3302S4M23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029039-004	X3302S4M23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029039-050	X3302S4M23T2 FLAME DETECTOR		\$ 7,900	Yes	FLM
029085-001	X3302A4N23SB2 FLAME DETECTOR		\$ 6,900	Yes	FLM
029088-001	X3302S4N23SB2 FLAME DETECTOR	DUAL LANGUAGE	\$ 7,900	Yes	FLM
029656-001	X3301A4N13SB2 FLAME DETECTOR		\$ 6,100	Yes	FLM
029657-001	X3301S4N13SB2 FLAME DETECTOR		\$ 7,000	Yes	FLM
029658-001	X3301A4N14SB2 FLAME DETECTOR		\$ 6,100	Yes	FLM
029659-001	X3301S4N14SB2 FLAME DETECTOR		\$ 7,000	Yes	FLM
029660-001	X3301A4N23SB2 FLAME DETECTOR		\$ 6,500	Yes	FLM
029661-001	X3301S4N23SB2 FLAME DETECTOR	MED, NL, AUX=EN,NL	\$ 7,500	Yes	FLM
029661-010	X3301S4N23SB2 FLAME DETECTOR	TLOW,NL,AUX=EN,NL	\$ 7,500	Yes	FLM
029965-001	X3301 HEAD, AL, EX DE, SIL		\$ 4,400	Yes	FLM
029966-001	X3301 HEAD, SS, EX DE, SIL		\$ 4,800	Yes	FLM
029967-001	X3301 HEAD, AL, EX D, SIL		\$ 4,400	Yes	FLM
029967-006	X3301 HEAD, AL, EX D, SIL		\$ 4,400	Yes	FLM
029967-034	X3301 HEAD, AL, EX D, SIL		\$ 4,400	Yes	FLM
029968-001	X3301 HEAD, SS, EX D, SIL		\$ 4,800	Yes	FLM
029968-002	X3301 HEAD, SS, EX D, SIL		\$ 4,800	Yes	FLM
029968-010	X3301 HEAD, SS, EX D, SIL		\$ 4,800	Yes	FLM
101173-023	STDF,HX .250 AF X2.000 L	# 6-32X.250M X# 6-32FM, SS	\$ 20	Yes	SYS
101197-001	STOP PLUG,3/4NPT,AL,EX D	STYLE: TYPE A	\$ 39	Yes	GAS
101197-002	STOP PLUG,1/2NPT,AL,EX D	STYLE: TYPE A	\$ 39	Yes	GAS
101197-003	STOP PLUG,M25,SST,IP66,EX D E	MALE, DOME HEAD	\$ 56	Yes	GAS
101197-004	STOP PLUG,3/4,NPT,SS,EX D	STYLE: TYPE A	\$ 56	Yes	GAS
101197-005	STOP PLUG,M25, AL	STYLE: DOME HEAD	\$ 39	Yes	GAS
101197-006	STOP PLUG,M20, AL, DOMED	STYLE: DOME HEAD	\$ 39	Yes	GAS
101197-007	STOP PLUG,M20, SS, DOMED	STYLE: DOME HEAD	\$ 56	Yes	GAS
101197-008	STOP PLUG,M20, NB, DOMED	STYLE: DOME HEAD	\$ 20	Yes	GAS
101197-009	STOP PLUG,M25, NB, DOMED	STYLE: DOME HEAD	\$ 20	Yes	GAS
101197-010	STOP PLUG,3/4, NB, EX D	STYLE: TYPE A	\$ 20	Yes	GAS
101197-011	STOP PLUG,1/2, NB, EX D	STYLE: TYPE A	\$ 20	Yes	GAS
101197-012	STOP PLUG,1/2, SS, EX D	STYLE: TYPE A	\$ 75	Yes	GAS
101197-501	M20 NYLON IP WASHER	USE W/ PEPPERS PLUG	\$ 2	Yes	GAS
101197-502	M25 NYLON IP WASHER	USE W/ PEPPERS PLUG	\$ 2	Yes	GAS
101197-503	M20 PTFE IP WASHER	USE W/ PEPPERS PLUG	\$ 5	Yes	GAS
101197-504	M25 PTFE IP WASHER	USE W/ PEPPERS PLUG	\$ 6	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
101363-001	FUSE,MICRO PLUG-IN 2A		\$ 19	Yes	FLM
101678-004	TBG,CLR, 3/16ID, 5/16OD, 9.00"		\$ 5	Yes	GAS
101678-006	TBG,CLR, 3/16ID, 5/16OD,72.00"		\$ 19	Yes	GAS
101678-007	TBG,CLR, 3/16ID, 5/16OD,36.00"		\$ 6	Yes	GAS
101678-011	TUBING,CLEAR3/16X5/16X5METERS		\$ 36	Yes	GAS
101678-013	TUBING,CLEAR 3/16 X 5/16 100FT	3/16 I.D. X 5/16 O.D., 100FT	\$ 110	Yes	
102219-001	SEAL, PB BOOT (W8066)		\$ 71	Yes	FLM
102359-001	STOPPER,RUBBER #4		\$ 23	Yes	GAS
102385-002	20-4024 RELAY MODULE	REPLACES 102385-001	\$ 80	Yes	FLM
102740-002	CALIBRATION MAGNET	X-Series; LS2000	\$ 62	Yes	FLM
102778-004	LIGHT,WARN. FLASHING RED 24V		\$ 640	Yes	SYS
102804-001	REDUCER, M25 TO M20, AL		\$ 47	Yes	GAS
102804-003	REDUCER, M25 TO M20, SS	SST	\$ 140	Yes	GAS
102804-009	REDUCER, 3/4 TO 1/2 NPT, AL		\$ 140	Yes	GAS
102871-001	BATTERY,3V LITHIUM 123A		\$ 49	Yes	FLM
102883-001	BLOCK,TERM,PCB, .197CTR, 3POS	PLUGGABLE,TOP ENTRY	\$ 9	Yes	GAS
102988-002	PLUG,VERT.,W/CLIP,5.0MM, 6 POS	PLUG P2	\$ 11	Yes	SYS
102988-026	PLUG,VERT.,W/CLIP,5.0MM, 3 POS	PLUG P1	\$ 8	Yes	SYS
102988-028	PLUG,VERT.,W/CLIP,5.0MM, 5 POS		\$ 11	Yes	GAS
102988-034	PLUG,VERT.,W/CLIP,5.0MM, 12POS		\$ 19	Yes	SYS
102991-001	CAP STATIC,3.125 DIA.,BLACK	FOR X-SERIES DETECTORS	\$ 9	Yes	FLM
103019-002	WASHER,NORDLOCK,.669IDX1.000OD	VIBRATION RESISTANT,316 SST	\$ 50	Yes	FLM
103026-002	LANYARD,NYLON COATED X 12"L		\$ 22	Yes	FLM
103028-027	CONN, RT ANGLE, 5.00MM, 4 PIN		\$ 8	Yes	SYS
103349-002	HOSE NIPPLE, TEN PACK		\$ 110	Yes	GAS
103363-001	WRENCH,HEX,METRIC 14,LONG ARM		\$ 34	Yes	FLM
103406-001	SCREWDRIVER,DETRONICS		\$ 11	Yes	FLM
103472-001	FEMALE QUICK DISCONNECT FITTIN		\$ 56	Yes	GAS
103473-001	MALE QUICK DISCONNECT FITTING		\$ 16	Yes	GAS
103482-001	SHROUD	DEC UK P/N 010127-003	\$ 11	Yes	SYS
103484-001	GLAND EEXD	DEC UK P/N 010127-016	\$ 61	Yes	SYS
103519-001	CBL GLND,20,IP66,ATEX EXD,EXE		\$ 61	Yes	SYS
103578-001	LUBE,ANTISEIZE,AL,CU,GRAPH,4G		\$ 9	Yes	GAS
103584-001	HERBIE,CLIP,H.713-.811,BLK,NYL		\$ 19	Yes	GAS
103725-002	HEADER VERT.,3.5MM,3-PIN		\$ 8	Yes	GAS
103726-002	PLUG,VERT.,3.5MM,3-POS	PLUG J2	\$ 9	Yes	GAS
103726-004	PLUG,VERT.,3.5MM,5-POS	PLUG J3	\$ 16	Yes	GAS
103726-011	PLUG,VERT.,3.5MM,12-POS	PLUG J4	\$ 26	Yes	GAS
103855-001	BATTERY,6V,5AH,W8067S		\$ 110	Yes	FLM
103881-001	USB TO RS-485 CONVERTER		\$ 400	Yes	FLM
103922-003	AMS TREX DEVICE COMMUNICATOR	HART, IS, WIRELESS	\$ 17,200	Yes	GAS
103937-001	BATTERY,12V,SLA,W8067S		\$ 220	Yes	FLM
104106-001	RES,WW,5W,10.0K OHM,1%		\$ 30	Yes	GAS
104155-001	4GB MICRO SD CARD		\$ 260	Yes	GAS
104190-001	STOP PLUG, AL,M25,INMETRO		\$ 79	Yes	GAS
104190-002	STOP PLUG, AL,3/4NPT,INMETRO		\$ 44	Yes	GAS
104190-003	STOP PLUG, SS,M25,INMETRO	WITH O-RING	\$ 120	Yes	GAS
104190-004	STOP PLUG, SS,3/4NPT,INMETRO		\$ 87	Yes	GAS
104190-005	STOP, M20, AL, DOMED, INMETRO		\$ 79	Yes	GAS
104190-006	STOP, M20, SS, DOMED, INMETRO		\$ 120	Yes	GAS
104218-001	SOCKET, 35MM X 2" O.D.		\$ 68	Yes	GAS
104234-001	PHOENIX ME-MAX 20A EMC FILTER		\$ 570	Yes	GAS
104286-001	U5015 SENSOR MODULE		\$ 990	Yes	FLM
104344-213	O-RING NBR PER AS568-213	SPARE O-RING 15/16" ID	\$ 12	Yes	FLM
104346-046	O-RING,4-1/4X4-3/8X1/16,FVMQ		\$ 19	Yes	GAS
104346-154	O-RING,3-3/4X3-15/16X3/32,FVMQ		\$ 19	Yes	GAS
104486-005	PLUG EURO 5MM RGHT ANG 5POS		\$ 11	Yes	GAS
104486-007	PLUG EURO 5MM RGHT ANG 7POS		\$ 11	Yes	GAS
104486-009	PLUG EURO 5MM RGHT ANG 9POS		\$ 15	Yes	GAS
107427-004	ORNG,1 3/4IDX1/16CS,FKM,75A		\$ 18	Yes	FLM
107427-034	ORNG,15/16IDX1/16CS,FKM,75A		\$ 18	Yes	FLM
107427-037	O-RNG,1 1/4IDX1/8CS,FKM,75A	FOR REMOTE GAS CALIBRATION CUP	\$ 18	Yes	FLM

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
107427-039	ORNG,11/16IDX1/16CS,FKM,75A		\$ 16	Yes	GAS
107427-040	ORNG,3 3/4IDX3/32CS,FKM,75A	BROWN	\$ 18	Yes	FLM
107427-047	ORNG,2 3/16IDX3/32CS,FKM,75A	VITON	\$ 16	Yes	GAS
107427-048	O-RNG,2 5/8IDX1/16CS,FKM,75A	VITON	\$ 16	Yes	GAS
107427-049	O-RING, 3 IDX1/16CS,FKM,75A	VITON	\$ 18	Yes	FLM
107427-052	ORNG,2 7/16IDX3/32CS,FKM,75A		\$ 16	Yes	GAS
107427-053	ORNG,3 1/4IDX1/16CS,FKM,75A		\$ 16	Yes	GAS
107427-059	ORNG,1 5/8IDX1/16CS,FKM,75A		\$ 16	Yes	GAS
107427-065	O-RING,3/4IDX1/16CS,FVMQ,70A		\$ 19	Yes	FLM
107427-079	ORING.33/4IDX3/32CS,FVMQ,70A	BLUE	\$ 17	Yes	GAS
162552-001	REGULATOR,CYL. 1 LPM		\$ 560	Yes	GAS
162552-002	REGULATOR,CYL. 2.5 LPM PTIR		\$ 560	Yes	GAS
162552-003	REGULATOR,CYL. 0.5LPM		\$ 560	Yes	GAS
162553-001	CASE,CARRY CAL KIT (2) 6D/8AL		\$ 390	Yes	GAS
225130-001	KIT,METHANE,2.5%VOL,50%LFL		\$ 1,300	Yes	GAS
225130-002	KIT,ETHANE,1.5%VOL,50% LFL		\$ 1,300	Yes	GAS
225130-003	KIT,ETHYLENE,1.35%VOL,50%LFL		\$ 1,300	Yes	GAS
225130-004	KIT,PROPANE,1.05%VOL,50%LFL		\$ 1,300	Yes	GAS
225130-005	KIT,HYDROGEN,2.0%VOL,50%LFL		\$ 1,300	Yes	GAS
225130-006	KIT,METHANE,.95%VOL,20%LFL		\$ 1,300	Yes	GAS
225130-007	KIT,METHANE,1.25%VOL,25%LFL		\$ 1,300	Yes	GAS
225130-008	KIT,METHANE,1.75%VOL,35%LFL		\$ 850	Yes	GAS
225130-009	KIT,CATALYTIC CAL,W/O BOTTLE		\$ 1,300	Yes	GAS
225130-014	KIT,METHANE,2.2%VOL,50%LFL		\$ 1,300	Yes	GAS
225130-015	KIT,PROPANE,.85%VOL,50%LFL		\$ 1,500	Yes	GAS
225130-901	KIT,METHANE,2.5%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
225130-902	KIT,ETHANE,1.5%VOL,50%LFL,RUSS		\$ 1,300	Yes	GAS
225130-905	KIT,HYDROGEN,2%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
225130-914	KIT,METHANE,2.2%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
225130-915	KIT,PROPANE,.85%VOL,50%LFL,RUS		\$ 1,300	Yes	GAS
225312-001	DUST COVER, SS		\$ 75	Yes	GAS
225777-001	ASSY, CALIB CUP ADAPTER (MOD)		\$ 260	Yes	GAS
226166-001	CYL,METHANE,2.5% VOL,50% LFL		\$ 430	Yes	GAS
226166-002	CYL,ETHANE,1.5% VOL,50% LFL		\$ 430	Yes	GAS
226166-003	CYL,ETHYLENE,1.35% VOL,50% LFL		\$ 430	Yes	GAS
226166-004	CYL,PROPANE,1.05% VOL,50% LFL		\$ 430	Yes	GAS
226166-005	CYL,HYDROGEN,2.0% VOL,50% LFL		\$ 430	Yes	GAS
226166-006	CYL,AIR 100%		\$ 430	Yes	GAS
226166-007	CYL,METHANE,1.0% VOL,20% LFL		\$ 430	Yes	GAS
226166-008	CYL,METHANE,1.25% VOL,25% LFL		\$ 430	Yes	GAS
226166-009	CYL,METHANE,1.75% VOL,35% LFL		\$ 430	Yes	GAS
226166-010	CYL,PROPYLENE,1.2% VOL,50% LFL		\$ 430	Yes	GAS
226166-011	CYL,BUTANE,.95% VOL,50% LFL		\$ 920	Yes	GAS
226166-012	CYL,METHANE,.375% VOL,7.5% LFL		\$ 840	Yes	GAS
226166-013	CYL,METHANE,3.0% VOL,60% LFL		\$ 430	Yes	GAS
226166-014	CYL,METHANE,2.2% VOL, 50% LFL		\$ 430	Yes	GAS
226166-015	CYL,PROPANE,.85% VOL,50% LFL		\$ 430	Yes	GAS
226166-017	CYL,METHANE,0.33% VOL,7.5% LFL		\$ 840	Yes	GAS
226166-019	CYL,PROPYLENE 1.0% VOL,50% LFL		\$ 430	Yes	GAS
226166-020	CYL,ETHYLENE 1.15% VOL,50% LFL		\$ 430	Yes	GAS
226166-021	CYL,ETHANE 1.2% VOL,50% LFL		\$ 430	Yes	GAS
226166-022	CYL,BUTANE 0.7% VOL,50% LFL		\$ 920	Yes	GAS
226166-901	CYL,METHANE,2.5%VOL,50%LFL,RUS		\$ 430	Yes	GAS
226166-902	CYL,ETHANE,1.5%VOL,50% LFL,RUS		\$ 430	Yes	GAS
226166-905	CYL,HYDROGEN,2%VOL,50%LFL,RUS		\$ 430	Yes	GAS
226166-914	CYL,METHANE,2.2VOL,50%LFL,RUSS		\$ 430	Yes	GAS
226166-915	CYL,PROPANE,.85%VOL,50%LFL,RUS		\$ 430	Yes	GAS
226166-917	CYL,METHNE,0.33%VOL,7.5%LFL,RU		\$ 840	Yes	GAS
226190-001	DUST COVER, POREX		\$ 73	Yes	GAS
226349-001	SHIELD,RAIN AL		\$ 110	Yes	GAS
226365-119	STB1A2MW,AL,M20/25,QUAD, 505		\$ 380	Yes	GAS
226365-121	STB1S2XW,SS,M20 ,QUAD, 505		\$ 980	Yes	GAS

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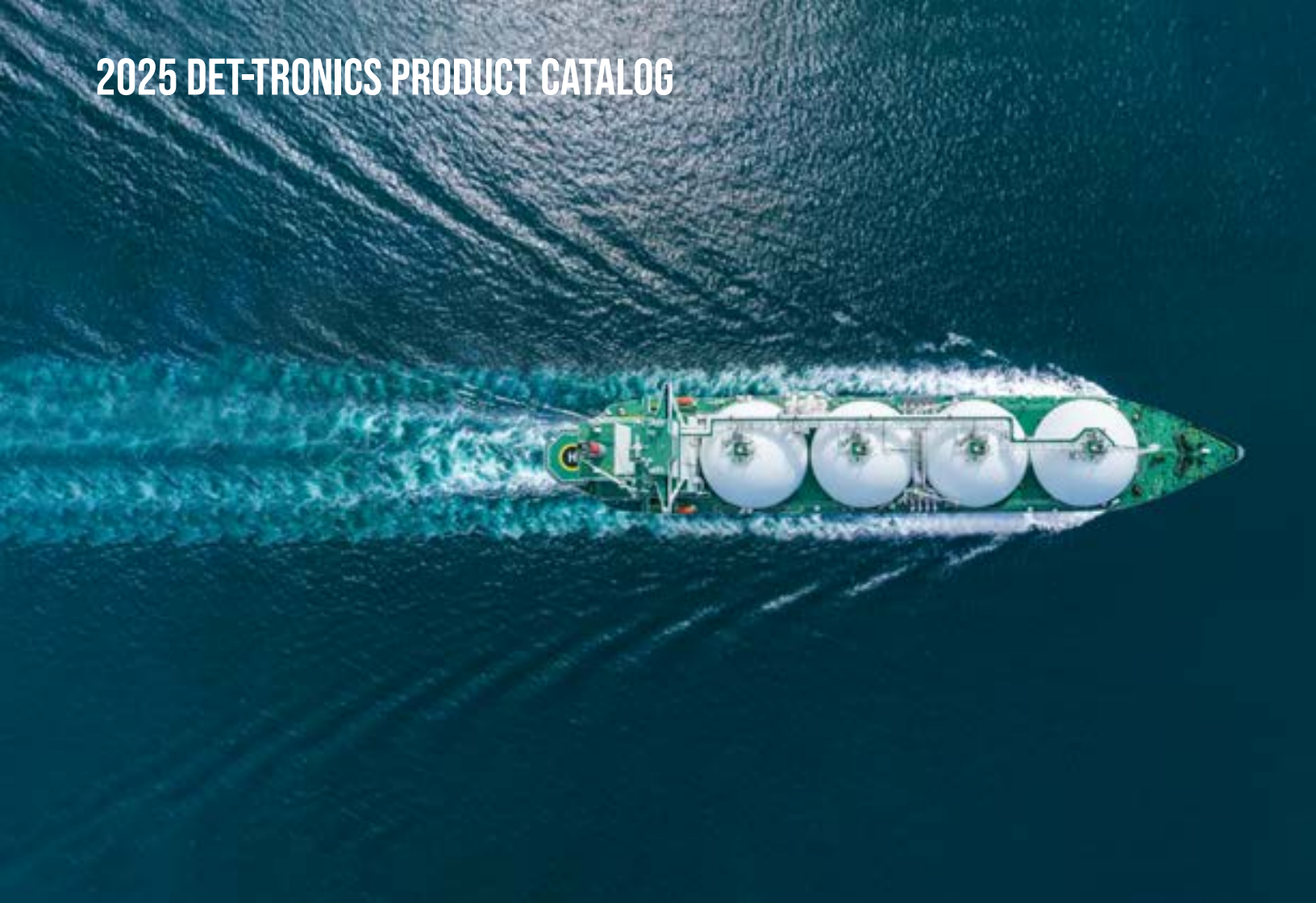
Part Number	Description	Description Line 2	List Price	Price Changed	Type
226365-123	STB1A2SW,AL,M20 ,QUAD, 505		\$ 380	Yes	GAS
226365-131	STB1A2NW,AL,3/4 ,QUAD, 505		\$ 380	Yes	GAS
226365-133	STB3A2NW,AL,3/4 ,QUAD, TOXIC		\$ 390	Yes	GAS
226365-137	STB1A2UW,AL,3/4 ,QUAD, 505		\$ 380	Yes	GAS
226365-138	STB3A2MW,AL,M20/25,QUAD, TOXIC		\$ 390	Yes	GAS
226365-140	STB1S2NW,SS,3/4 ,QUAD, 505		\$ 980	Yes	GAS
226365-143	STB3S5YW,SS,M25,QUAD,TOXIC		\$ 1,100	Yes	GAS
226365-146	STB1S2MW SS M20/M25 QUAD 505		\$ 980	Yes	GAS
226365-147	STB1A5NW,AL,3/4 ,QUAD		\$ 380	Yes	GAS
226365-510	STB5A2YW,AL, M25,QUAD, 2PT		\$ 380	Yes	GAS
226365-511	STB5A3YW,AL, M25,QUAD, 3PT		\$ 380	Yes	GAS
226365-512	STB5A5YW,AL, M25,QUAD, 5PT		\$ 380	Yes	GAS
226365-513	STB5A6YW,AL, M25,QUAD, 6PT		\$ 380	Yes	GAS
226365-520	STB5A2NW,AL,3/4 ,QUAD, 2PT		\$ 380	Yes	GAS
226365-521	STB5A3NW,AL,3/4 ,QUAD, 3PT		\$ 380	Yes	GAS
226365-522	STB5A5NW,AL,3/4 ,QUAD, 5PT		\$ 380	Yes	GAS
226365-523	STB5A6NW,AL,3/4 ,QUAD, 6PT		\$ 380	Yes	GAS
226365-530	STB5S2YW,SS, M25,QUAD, 2PT		\$ 980	Yes	GAS
226365-531	STB5S3YW,SS, M25,QUAD, 3PT		\$ 980	Yes	GAS
226365-532	STB5S5YW,SS, M25,QUAD, 5PT		\$ 980	Yes	GAS
226365-540	STB5S2NW,SS,3/4 ,QUAD, 2PT		\$ 980	Yes	GAS
226365-541	STB5S3NW,SS,3/4 ,QUAD, 3PT		\$ 980	Yes	GAS
226365-542	STB5S5NW,SS,3/4 ,QUAD, 5PT		\$ 980	Yes	GAS
226365-601	STB7A5YW,AL,M25 ,QUAD, 5PT		\$ 380	Yes	GAS
226365-602	STB7A5NW,AL,3/4 ,QUAD, 5PT		\$ 380	Yes	GAS
226365-603	STB7S5YW,SS,M25 ,QUAD, 5PT		\$ 980	Yes	GAS
226365-604	STB7S5NW,SS,3/4 ,QUAD, 5PT		\$ 980	Yes	GAS
226365-605	STB7A2NW,AL,3/4 ,QUAD, 2PT		\$ 380	Yes	GAS
226365-606	STB7A5NB,AL,3/4 ,INMETRO,5PT		\$ 380	Yes	GAS
226365-607	STB7S5NB,SS,3/4 ,INMETRO,5PT		\$ 980	Yes	GAS
226365-608	STB1S2NB,SS,3/4 ,QUAD, INMETRO		\$ 1,100	Yes	GAS
226365-651	STB7S2YW,SS,M25,QUAD,2PT		\$ 980	Yes	GAS
226365-851	STB7S2YK,SS,M25,KAZAKH,2PT		\$ 980	Yes	GAS
226365-901	STB7A5YR,AL,M25,RUSS,5PT		\$ 380	Yes	GAS
226365-911	STB3A2MR,AL,M20/25,RUS , TOXIC		\$ 390	Yes	GAS
226365-928	STB5A6YR,AL, M25,RUS , 6PT		\$ 380	Yes	GAS
226365-929	STB5S5YR,SS, M25,RUS , 5PT		\$ 980	Yes	GAS
226365-963	STB7S5YR,SS,M25,RUSSIA		\$ 980	Yes	GAS
226757-002	ASSY,PCBD SENSOR, STB, TOXIC		\$ 290	Yes	GAS
226846-001	MOUNT,DUCT ALUMINUM FOR CGS	W/BARBED GAS NOZZLE	\$ 640	Yes	GAS
226846-008	MOUNT DUCT,STAINLESS, FOR OLD	STYLE CENELEC CATALYTIC SENSOR	\$ 1,100	Yes	GAS
226862-001	GASKET, SENSOR SEALING		\$ 11	Yes	GAS
227115-001	CALIBRATION KIT,H2S, 50PPM		\$ 1,500	Yes	GAS
227115-002	CALIBRATION KIT,H2S, 20PPM		\$ 1,500	Yes	GAS
227115-003	CALIBRATION KIT,CO , 50PPM		\$ 1,500	Yes	GAS
227115-004	CALIBRATION KIT,CO ,250PPM		\$ 1,500	Yes	GAS
227115-005	CALIBRATION KIT,CO ,500PPM		\$ 1,500	Yes	GAS
227115-006	CALIBRATION KIT,AIR		\$ 1,400	Yes	GAS
227115-008	KIT,ELECTRCHEM CAL W/O BOTTLE		\$ 880	Yes	GAS
227115-011	CALIBRATION KIT,NO2, 10PPM		\$ 2,800	Yes	GAS
227115-012	CALIBRATION KIT,S02, 50PPM		\$ 2,800	Yes	GAS
227115-013	CALIBRATION KIT,CL2, 5PPM		\$ 2,800	Yes	GAS
227115-014	CALIBRATION KIT,H2S, 10PPM		\$ 1,500	Yes	GAS
227115-015	CALIBRATION KIT,H2S, 25PPM		\$ 1,500	Yes	GAS
227115-016	CALIBRATION KIT,H2S,50PPM,AIR		\$ 1,500	Yes	GAS
227115-901	CALIBRATION KIT,H2S,50PPM,RUSS		\$ 1,500	Yes	GAS
227115-915	CALIBRATION KIT,H2S,25PPM,RUSS		\$ 1,500	Yes	GAS
227117-001	CYL,H2S 50PPM		\$ 460	Yes	GAS
227117-002	CYL,H2S 20PPM		\$ 460	Yes	GAS
227117-003	CYL,CO 50PPM		\$ 460	Yes	GAS
227117-004	CYL,CO 250PPM		\$ 460	Yes	GAS
227117-005	CYL,CO 500PPM		\$ 460	Yes	GAS

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Part Number	Description	Description Line 2	List Price	Price Changed	Type
227117-006	CYL,CL2 5PPM		\$ 750	Yes	GAS
227117-007	CYL,CL2 100PPM		\$ 1,200	Yes	GAS
227117-008	CYL,SO2 50PPM		\$ 460	Yes	GAS
227117-010	CYL,NO2 10PPM		\$ 1,200	Yes	GAS
227117-011	CYL,H2S 10PPM		\$ 460	Yes	GAS
227117-012	CYL,H2S 25PPM		\$ 460	Yes	GAS
227117-013	CYL,NH3 50PPM		\$ 750	Yes	GAS
227117-014	CYL,H2S 50PPM,AIR		\$ 630	Yes	GAS
227117-016	CYL,SO2 10PPM		\$ 460	Yes	GAS
227117-018	CYL, H2 500 PPM		\$ 460	Yes	GAS
227117-019	CYL, NH3 250 PPM		\$ 750	Yes	GAS
227117-020	CYL, CO2 1.0% V/V (10000PPM)		\$ 430	Yes	GAS
227117-022	CYL, N2 100% (PURE)		\$ 430	Yes	GAS
227117-901	CYL,H2S 50PPM,RUSSIAN		\$ 460	Yes	GAS
227117-912	CYL,H2S 25PPM,RUSSIAN		\$ 460	Yes	GAS
227117-914	CYL,H2S 50PPM,AIR 500PSI,RUSS		\$ 630	Yes	GAS
400525-018	SCREW,M16X2.00,SCKET HD CAP,SS		\$ 22	Yes	FLM
400525-023	SCREW,SOC HD CAP,M8 X 1.25X 16		\$ 11	Yes	GAS
400587-001	LCKNT SERRATED FLANGE		\$ 7	Yes	FLM
421132-001	PM-5MPX FLAME DETECTOR		\$ 4,100	Yes	FLM
SP006412-101	ASSY,PCBD TERMINAL BD. PIRTB	PIRTB SPARE PART	\$ 390	Yes	GAS
SST TAG ATT & DS	SS TAG ATTACHED AND SWITCH SET		\$ 120	Yes	SYS
SST TAG INCLUDED	SST TAG INCLUDED WITH SHIPMENT		\$ 49	Yes	SYS



2025 DET-TRONICS PRODUCT CATALOG



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Product Catalog
(Updated Dec 2024)
Effective Date: Jan. 1, 2025

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1. Open the Acrobat Search function by clicking on the magnifying glass in the menu bar.
2. Type the name of the product you are looking for into the pop up box and hit enter.
3. Click through the results until you find what you want.

When this document is combined with the Numeric Price List, you can find a product price the same way. If you want to search for a product's price, simply take the following steps:

1. Copy the Part Number of the item you want to price.
2. Click on the magnifying glass in the menu bar of Adobe Acrobat.
3. Paste the Part Number and hit enter.
4. Follow the results to the price.

Bookmarks

To navigate to a specific section within the catalog, click on the "Bookmarks" feature, highlight the section you wish to access and press "Enter."

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Note: Det-Tronics product videos can be found at: www.YouTube.com/@DetTronicsUSA/videos

X3301 Multispectrum Infrared Flame Detector



X3301 Multispectrum Infrared Flame Detector (Spec Sheet: 90-1218, 90-1219) establishes the benchmark in hydrocarbon based fire detection performance and false alarm rejection. The detector utilizes advanced signal processing algorithms supported by an embedded 32-bit microprocessor to provide continuous protection in the presence of false alarm sources and environments with infrared radiation present. Multiple sensitivity and output options are available enabling the X3301 to be used in a variety of applications such as offshore oil/gas platforms. Standard outputs include fire alarm, auxiliary alarm and fault relays, with RS-485 Modbus. Optional 0-20 mA, HART, Pulse, or Eagle Quantum Premier outputs are also available. Hangar Mode processing option provides an increased verification time to a sustained fire while maintaining extended detection range capability. Hangar mode provides additional false alarm rejection capability for applications that contain temporary sources of alarm.

- Model options available that are optimized for Aircraft Hangars, Turbines, and Automotive Paint Spray Booth applications.
- Models available with SIL 2 certification
- Increased detection range compared to traditional detectors
- Third-party certified performance to multiple fuel types
- Terminal block allows for Class X Pathway Designation per NFPA 72
- 125 feet (38.1m) of detection range on axis for methane
- Microprocessor controlled heated optics enable optimal performance in adverse environments
- Data logger for event time and date stamping
- Automatic o_i (optical integrity) continuously verifies each sensors ability to detect fire
- Calibrated manual testing/magnetic o_i , no test lamp required
- Four conduit entries for easy installation
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- DNV, MED, ULC, USCG, EN 54 part 10 certified by VdS, LPCB, CPR
- AFNOR approved models available upon request (-NF)
- Meets Construction Product Regulation (CPR)
- Optional HART output, AMS aware, and FDT/DTM capable
- Tricolor LED on detector faceplate indicates detector status condition
- Automotive Model meets NFPA 33 response requirements for under 0.5 seconds

MULTISPECTRUM INFRARED

X3301 Model Matrix

MODEL	DESCRIPTION																
X3301	Multispectrum IR Flame Detector																
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum (AL)</td> </tr> <tr> <td>S</td> <td>Stainless Steel (SS)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum (AL)	S	Stainless Steel (SS)										
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TYPE	CLASSIFICATION																
1	Division/Zone Ex d e																
2	Division/Zone Ex d																

[†] Type 23 Output - When HART output chosen detector does not have RS-485 communication available.

[‡]Type Approvals can use one or more letters to designate the approvals of the product.

[§] ULC approval applies to output types 11, 13, 15, 21, and 23. Certified by QPS Evaluation Services, Inc.

^{§§} Type T and W Approvals: EN-54Part 10 only available on Output Types 11, 13, and 23 with CPR, LPCB, AFNOR, and VdS approvals. EN54 Part 10 only available on Output Type 14 with CPR and LPCB approvals. .

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Table A1 - X3301 Software Part Number Configuration Matrix***

Dash	Sensitivity	Alarm Relay	Aux Relay	Fault Relay	Special
-001	Medium	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-002	Very High	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-003	Very High	De-Energized Non-latching	Energized Non-latching	Energized Non-latching	Single-Stage Automotive
-004*	Low	De-energized Non-latching	Energized Non-latching	Energized Non-latching	3 min o _i 10 fails to fault
-005†	Medium	De-energized Non-latching	De-energized Non-latching	Energized Non-latching	Automotive
-010*	T-Low	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-012**	High	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-038**	High	De-energized Non-latching	Energized Non-latching	Energized Non-latching	Hangar‡
-034	Medium	De-energized Non-latching	De-energized Non-latching	Energized Non-latching	Hangar‡
-035	Very High	De-energized Non-latching	De-energized Non-latching	Energized Non-latching	Hangar‡

* Compatible with EQP Controller firmware 11.08 and later.

** Compatible with EQP Controller Firmware 17.16 and X3301 LON Firmware 6.12 and later.

*** Not all configurations are performance approved. See applicable certificates and instruction manual appendices for details.

† Available only on type 21 & 22 (Automotive) output.

‡ See 95-8735 Hangar Mode Addendum and Consult Factory for Recommendations.

NOTE: The X3301 window heaters are set to 100% as a default but can be configured from 0-100% with the Enhanced Flame Inspector. Please refer to section E.3 for more details.

Application Guidelines

The following criteria should be considered when choosing a sensitivity level for the intended application:

- Potential for interference from IR emitting sources
- Speed of response based on fuel type and fire size
- Distance between the hazard and the flame detector

These are typical industry application settings. They may not be applicable to all installations. Contact factory for additional application guidance.

Offshore	001, 004
Turbine	010, 001
Compressor	001, 010
Hangar	034 or 035
Petroleum Loading Racks	034
Automotive	005, 003 (Single Stage)
High IR Backgrounds	004, 010, 034

NOTE: Latching relays cannot be used in voted systems.

MULTISPECTRUM INFRARED

X3301 Multispectrum Infrared Flame Detector - SIL / FM / CSA / ATEX / IECEx / ULC / VdS

Model	Part Number *	Material	Threads	Output	Ex d e	Ex d
X3301A4N11T1	028234-XXX	AL	3/4 NPT	Relay	X	
X3301A4M11T1	028235-XXX	AL	M25	Relay	X	
X3301S4N11T1	028236-XXX	SS	3/4 NPT	Relay	X	
X3301S4M11T1	028237-XXX	SS	M25	Relay	X	
X3301A4N11T2	028238-XXX	AL	3/4 NPT	Relay		X
X3301A4M11T2	028239-XXX	AL	M25	Relay		X
X3301S4N11T2	028240-XXX	SS	3/4 NPT	Relay		X
X3301S4M11T2	028241-XXX	SS	M25	Relay		X
X3301A4N13T1	028258-XXX	AL	3/4 NPT	Relay/0-20 mA	X	
X3301A4M13T1	028259-XXX	AL	M25	Relay/0-20 mA	X	
X3301S4N13T1	028260-XXX	SS	3/4 NPT	Relay/0-20 mA	X	
X3301S4M13T1	028261-XXX	SS	M25	Relay/0-20 mA	X	
X3301A4N13T2	028270-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X3301A4M13T2	028271-XXX	AL	M25	Relay/0-20 mA		X
X3301S4N13T2	028272-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X3301S4M13T2	028273-XXX	SS	M25	Relay/0-20 mA		X
X3301A4N23T1	028244-XXX	AL	3/4 NPT	Rly/0-20/HART	X	
X3301A4M23T1	028245-XXX	AL	M25	Rly/0-20/HART	X	
X3301S4N23T1	028246-XXX	SS	3/4 NPT	Rly/0-20/HART	X	
X3301S4M23T1	028247-XXX	SS	M25	Rly/0-20/HART	X	
X3301A4N23T2	028248-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X3301A4M23T2	028249-XXX	AL	M25	Rly/0-20/HART		X
X3301S4N23T2	028250-XXX	SS	3/4 NPT	Rly/0-20/HART		X
X3301S4M23T2	028251-XXX	SS	M25	Rly/0-20/HART		X
X3301A4N14T1	028262-001	AL	3/4 NPT	EQP	X	
X3301A4M14T1	028263-001	AL	M25	EQP	X	
X3301S4N14T1	028264-001	SS	3/4 NPT	EQP	X	
X3301S4M14T1	028265-001	SS	M25	EQP	X	
X3301A4N14T2	028274-001	AL	3/4 NPT	EQP		X
X3301A4M14T2	028275-001	AL	M25	EQP		X
X3301S4N14T2	028276-001	SS	3/4 NPT	EQP		X
X3301S4M14T2	028277-001	SS	M25	EQP		X

Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)

The standard EQP detectors are completely configurable using the S3 software and are shipped defaulted to the -001 setting.

*The last 3 digits of the part number identify the software configuration. Please see table A1 to choose the correct option.

MULTISPECTRUM INFRARED

X3301 Multispectrum Infrared Flame Detector - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3301A4N15W1	028112-XXX	AL	3/4 NPT	Pulse/Relay	X	
X3301A4M15W1	028113-XXX	AL	M25	Pulse/Relay	X	
X3301S4N15W1	028114-XXX	SS	3/4 NPT	Pulse/Relay	X	
X3301A4N15W2	028132-XXX	AL	3/4 NPT	Pulse/Relay		X
X3301A4M15W2	028133-XXX	AL	M25	Pulse/Relay		X
X3301S4N15W2	028134-XXX	SS	3/4 NPT	Pulse/Relay		X
X3301A4N21W2	028118-005	AL	3/4 NPT	Automotive		X
X3301A4M21W2	028119-005	AL	M25	Automotive		X
X3301A4N14W1	028124-001	AL	3/4 NPT	EQP	X	
X3301A4M14W1	028125-001	AL	M25	EQP	X	
X3301S4N14W1	028126-001	SS	3/4 NPT	EQP	X	
X3301A4N14W2	028128-001	AL	3/4 NPT	EQP		X
X3301A4M14W2	028129-001	AL	M25	EQP		X
X3301S4N14W2	028130-001	SS	3/4 NPT	EQP		X
X3301A4N14W1	028124-034	AL	3/4 NPT	EQP/Hangar	X	
X3301A4M14W1	028125-034	AL	M25	EQP/Hangar	X	
X3301S4N14W1	028126-034	SS	3/4 NPT	EQP/Hangar	X	
X3301S4M14W1	028127-034	SS	M25	EQP/Hangar	X	
X3301A4N14W2	028128-034	AL	3/4 NPT	EQP/Hangar		X
X3301A4M14W2	028129-034	AL	M25	EQP/Hangar		X
X3301S4N14W2	028130-034	SS	3/4 NPT	EQP/Hangar		X
X3301S4M14W2	028131-034	SS	M25	EQP/Hangar		X
X3301A4N22W2	028228-005	AL	3/4 NPT	EQP/Automotive		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						
<p>The standard EQP detectors are completely configurable using the S3 software and are shipped defaulted to the -001 setting. (Automotive version and Hangar version are not configurable).</p> <p>*The last 3 digits of the part number identify the software configuration. Please see table A1 to choose the correct option. (Automotive versions are not configurable).</p>						

MULTISPECTRUM INFRARED

X3301 Multispectrum Infrared Flame Detector - SIL 2 / INMETRO (Brazil)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3301A4N13SB2	029656-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X3301S4N13SB2	029657-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X3301A4N14SB2	029658-001	AL	3/4 NPT	EQP		X
X3301S4N14SB2	029659-001	SS	3/4 NPT	EQP		X
X3301A4N23SB2	029660-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X3301S4N23SB2	029661-XXX	SS	3/4 NPT	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

*The last 3 digits of the part number identify the software configuration. Please see table A1 to choose the correct option.

The EQP detectors are completely configurable using the S3 software and are defaulted to the -001 setting.

X3301 Multispectrum Infrared Flame Detector - INMETRO (Brazil)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3301A4N14B2	028204-001	AL	3/4 NPT	EQP		X
X3301S4N14B2	028205-001	SS	3/4 NPT	EQP		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

*The last 3 digits of the part number identify the software configuration. Please see table A1 to choose the correct option.

The EQP detectors are completely configurable using the S3 software and are defaulted to the -001 setting.

MULTISPECTRUM INFRARED

X3301 Multispectrum Infrared Flame Detector - UKRCEPRO (Ukraine)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3301A4M11U1	028152-XXX	AL	M25	Relay	X	
X3301S4M11U1	028153-XXX	SS	M25	Relay	X	
X3301A4M11U2	028154-XXX	AL	M25	Relay		X
X3301S4M11U2	028155-XXX	SS	M25	Relay		X
X3301A4M13U1	028156-XXX	AL	M25	Relay/0-20 mA	X	
X3301S4M13U1	028157-XXX	SS	M25	Relay/0-20 mA	X	
X3301A4M13U2	028158-XXX	AL	M25	Relay/0-20 mA		X
X3301S4M13U2	028159-XXX	SS	M25	Relay/0-20 mA		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

*The last 3 digits of the part number identify the software configuration. Please see table A1 to choose the correct option.

X3301 Multispectrum Infrared Flame Detector - NEPSI / CCCF (China)

Model	Part Number	Material	Threads	Output	Ex d e	Ex d
X3301A4N13Y2	028284-001	AL	3/4 NPT	Relay/0-20mA		X
X3301A4N13Y2	028284-002	AL	3/4 NPT	Relay/0-20 mA		X
X3301A4N23Y2	028294-001	AL	3/4 NPT	Relay/0-20 mA/HART		X
X3301A4M23Y2	028295-001	AL	M25	Relay/0-20 mA/HART		X
X3301S4N23Y2	028296-001	SS	3/4 NPT	Relay/0-20 mA/HART		X
X3301S4M23Y2	028297-001	SS	M25	Relay/0-20 mA/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

MULTISPECTRUM INFRARED

X3302 Multispectrum Infrared Flame Detector



X3302 Multispectrum Infrared Flame Detector (Spec Sheet: 90-1232) provides a large field of view for hydrogen fire detection coupled with superior false alarm rejection. The detector utilizes advanced signal processing algorithms supported by an embedded 32-bit microprocessor to provide continuous protection in the presence of false alarm sources and environments with infrared radiation present. When configured for Very High Sensitivity, the X3302 has a detection range of 125 feet on axis and 100 feet off axis to a hydrogen fire and is recommended for any indoor/outdoor application. The detector is available in aluminum or stainless steel. Standard outputs include fire alarm, auxiliary alarm and fault relays, with RS-485 Modbus. Optional 0-20 mA, HART, Pulse, or Eagle Quantum Premier outputs are also available. Ideal applications include hydrogen storage, aerospace, battery rooms, and filling stations.

- Eagle Quantum Premier model
- Models available with SIL 2 certification
- Multiple sensitivities and certified performance to Hydrogen, Methane, Syngas and Methanol
- Terminal block allows for Class X Pathway Designation per NFPA 72
- 125 feet on axis *and* 100 feet off axis detection range for hydrogen fire
- Microprocessor controlled heated optics, enable optimal performance in adverse environments
- Data logger for event time and date stamping
- Optional HART output, AMS aware, and FDT/DTM capable
- Automatic σ_i (optical integrity) continuously verifies each sensors ability to detect fire
- Calibrated manual testing/magnetic σ_i , no test lamp required
- Four conduit entries for easy installation
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- Tricolor LED on detector faceplate indicates detector status condition
- EN54 part 10 certified by CPR, LPCB, VdS (Very High only)

MULTISPECTRUM INFRARED

X3302 Model Matrix

MODEL	DESCRIPTION										
X3302	Multispectrum IR Flame Detector										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum (AL)</td> </tr> <tr> <td>S</td> <td>Stainless Steel (SS)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum (AL)	S	Stainless Steel (SS)				
TYPE	MATERIAL										
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S	Stainless Steel (SS)										
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TYPE	APPROVALS [‡]										
B	INMETRO (BRAZIL)										
S	SIL										
T ^{§§}	SIL/FM/CSA/ATEX/IECEX										
W ^{§§}	FM/CSA/ATEX/IECEX										
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TYPE	CLASSIFICATION										
1	Division/Zone Ex d e										
2	Division/Zone Ex d										

[†]Type 23 Output - When HART output chosen detector does not have RS-485 communication available.

[‡]Type Approvals can use one or more letters to designate the approvals of the product.

^{§§} Type T and W Approvals: EN-54Part 10 only available on Output Types 13 and 23. CPR and LPCB (Very High only).

MULTISPECTRUM INFRARED

Table A2 - X3302 Software Part Number Configuration Matrix*

Dash	Sensitivity	Alarm Relay	Aux Relay	Fault Relay	Special
-001	Medium	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-002	Very High	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-004	Low	De-energized Non-latching	Energized Non-latching	Energized Non-latching	3 min o _i 10 fails to fault
-006	Medium	De-energized Latching	De-energized Latching	Energized Non-latching	None
-007	Very High	De-energized Latching	De-energized Latching	Energized Non-latching	None
-009	Low	De-energized Latching	De-energized Latching	Energized Non-latching	3 min o _i 10 fails to fault
-050	High	De-energized Non-latching	Energized Non-latching	Energized Non-latching	None
-051	High	De-energized Latching	De-energized Latching	Energized Non-latching	None

* Not all configurations are performance approved. See applicable certificates and instruction manual appendices for details.

NOTE: The X3302 window heaters are set to 100% as a default but can be configured from 0-100% with the Enhanced Flame Inspector. Please refer to section E.3 for more details.

Application Guidelines

The following criteria should be considered when choosing a sensitivity level for the intended application:

- Speed of response based on fuel type and fire size
- Distance between the hazard and the flame detector

These are typical industry application settings. They may not be applicable to all installations. Contact factory for additional application guidance.

Fertilizer (Outdoor), Ammonia, Refrigerants	001
Aerospace, Hydrogen Storage	050, 002
Filling Stations, Turbines	001, 004
Fertilizer (Indoor), Refrigerants, Battery Manufacturing	001, 050

NOTE: Latching relays cannot be used in voted systems.

MULTISPECTRUM INFRARED

X3302 Multispectrum Infrared Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3302A4N13T1	029008-XXX	AL	3/4 NPT	Relay/0-20mA	X	
X3302A4M13T1	029009-XXX	AL	M25	Relay/0-20mA	X	
X3302S4N13T1	029010-XXX	SS	3/4 NPT	Relay/0-20mA	X	
X3302S4M13T1	029011-XXX	SS	M25	Relay/0-20mA	X	
X3302A4N13T2	029012-XXX	AL	3/4 NPT	Relay/0-20mA		X
X3302A4M13T2	029013-XXX	AL	M25	Relay/0-20mA		X
X3302S4N13T2	029014-XXX	SS	3/4 NPT	Relay/0-20mA		X
X3302S4M13T2	029015-XXX	SS	M25	Relay/0-20mA		X
X3302A4N23T1	029032-XXX	AL	3/4 NPT	Relay/0-20mA/HART	X	
X3302A4M23T1	029033-XXX	AL	M25	Relay/0-20mA/HART	X	
X3302S4N23T1	029034-XXX	SS	3/4 NPT	Relay/0-20mA/HART	X	
X3302S4M23T1	029035-XXX	SS	M25	Relay/0-20mA/HART	X	
X3302A4N23T2	029036-XXX	AL	3/4 NPT	Relay/0-20mA/HART		X
X3302A4M23T2	029037-XXX	AL	M25	Relay/0-20mA/HART		X
X3302S4N23T2	029038-XXX	SS	3/4 NPT	Relay/0-20mA/HART		X
X3302S4M23T2	029039-XXX	SS	M25	Relay/0-20mA/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

*The last 3 digits of the part number identify the software configuration. Please see table A2 to choose the correct option.

MULTISPECTRUM INFRARED

X3302 Multispectrum Infrared Flame Detector - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X3302A4N14W1	029024-001	AL	3/4 NPT	EQP	X	
X3302S4N14W1	029026-001	SS	3/4 NPT	EQP	X	
X3302A4N14W2	029028-001	AL	3/4 NPT	EQP		X
X3302S4N14W2	029030-001	SS	3/4 NPT	EQP		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 13.8lb (6.3kg)						

*The last 3 digits of the part number identify the software configuration. Please see table A2 to choose the correct option. The standard EQP detectors are completely configurable using the S3 software and are shipped defaulted to the -001 setting.

ULTRAVIOLET/INFRARED

X5200G UVIR Flame Detector



X5200G UVIR Flame Detector (Spec Sheet: 90-1156) meets the most stringent requirements worldwide with advanced ultra high speed detection capabilities and immunity to extraneous sources, combined with a superior mechanical design. The combination of Arc Rejection on the UV sensor and TDSA/Quick Fire on the IR sensor make this detector the highest false alarm immune UVIR available. The mounting arrangement allows the UV and IR sensors to monitor the same hazardous location with a 90-degree field of view. When both sensors simultaneously detect the presence of a flame, an alarm signal is generated.

The standard output configuration includes fire, fault, and auxiliary relays with RS-485 Modbus. Optional 0-20 mA, Eagle Quantum Premier, or HART outputs are also available. Auxiliary relay offers the flexibility to customize detection, using UV, IR, or both. A model with pulse output is available for easy retrofitting into existing Det-Tronics controller based systems.

The X5200G housing is available in aluminum or stainless steel, with Type 4X and IP66/IP67 rating. Typical applications include paper machines, munitions, petrochemical applications, and aerosol filling.

- Eagle Quantum Premier and Eagle Quantum compatible models available
- Models available with SIL 2 certification
- Responds to a fire in the presence of modulated blackbody radiation (i.e., heaters, ovens, turbines) without false alarm
- Ultra high speed capability
- Optional HART output, AMS aware, and FDT/DTM capable
- Heated optics for increased resistance to moisture and ice
- Automatic, manual, or magnetic σ_i (optical integrity)
- FM, CSA, ATEX, and IECEx
- EN 54 part 10 certified by CPR, LPCB, VdS
- AFNOR approved models available upon request (-NF)
- Meets Construction Product Regulation (CPR)
- Configurable auxiliary relay allows independent alarm signaling
- Terminal block allows for Class X Pathway Designation per NFPA 72
- EMI, RFI, EMC Directive Compliant
- Built-in data logging / event monitoring
- Tricolor LED on detector faceplate indicates detector status condition

ULTRAVIOLET/INFRARED

X5200G Model Matrix

MODEL	DESCRIPTION												
X5200G	UVIR Flame Detector with Standard Detector Tube, Kr ⁸⁵ free Source Tube (replaces X5200)												
X5200GM*	UVIR Flame Detector with Molybdeneum Detector Tube, Kr ⁸⁵ free Source Tube (replaces X5200M)												
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum (AL)</td> </tr> <tr> <td>S</td> <td>Stainless Steel (SS)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum (AL)	S	Stainless Steel (SS)						
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TYPE	APPROVALS [§]												
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S	SIL												
T^{§§}	SIL/FM/CSA/ATEX/IECEX												
U	UKRCEPRO (UKRAINE)												
W^{§§}	FM/CSA/ATEX/IECEX												
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TYPE	CLASSIFICATION												
1	Division/Zone Ex d e												
2	Division/Zone Ex d												

*Special Application - consult factory before ordering.
X5200GM does not have EN-54 part 10 approvals.

†Type 23 Output - When HART output chosen detector does not have RS-485 communication available.

§Type Approvals can use one or more letters to designate the approvals of the product.

§§ Type T and W Approvals: EN-54Part 10 only available on Output Types 11, 13, 14, and 23. CPR and LPCB.

The X5200G and X5200GM UVIR Flame Detectors contain a Kr85 free source tube. There are no differences in detection performance between the X5200 and X5200G, or between the X5200M and X5200GM.

Models X5200 and X5200M were retired in 2024, and are no longer available.

ULTRAVIOLET/INFRARED

Table B1 - X5200G Software Part Number Configuration Matrix

Dash	UV Sensitivity	Arc Rejection	IR Sensitivity	Alarm Output IR Qualifications	Alarm Relay	Aux Output Function	ARC Rejection	Aux Output IR Qualifications	Aux Relay	Fault Relay
-001	High	High	High	TDSA Only	De-Energized Non-latching	Follows Alarm	High	TDSA	Energized Non-latching	Energized Non-latching
-002	High	Very High	High	TDSA or Quick	De-Energized Non-latching	Follows Alarm	Very High	TDSA or Quick	Energized Non-latching	Energized Non-latching
-003	High	Off	Very High	TDSA or Quick	De-Energized Non-latching	UV or IR	Off	TDSA	Energized Non-latching	Energized Non-latching
-004	High	High	Very High	TDSA Only	De-Energized Non-latching	Pre-Alarm	High	TDSA	Energized Non-latching	Energized Non-latching
-005	Medium	High	High	TDSA or Quick	De-Energized Non-latching	UV or IR	High	TDSA	Energized Non-latching	Energized Non-latching
-006	High	High	Low	TDSA Only	De-Energized Non-latching	Pre-Alarm	High	TDSA	Energized Non-latching	Energized Non-latching
-007	High	High	High	TDSA Only	De-Energized Latching	Follows Alarm	High	TDSA	De-energized Latching	Energized Non-latching
-008	High	Very High	High	TDSA or Quick	De-Energized Latching	Follows Alarm	Very High	TDSA or Quick	De-energized Latching	Energized Non-latching
-009	High	Off	Very High	TDSA or Quick	De-Energized Latching	UV or IR	Off	TDSA	De-energized Latching	Energized Non-latching
-010	High	High	Very High	TDSA Only	De-Energized Latching	Pre-Alarm	High	TDSA	De-energized Latching	Energized Non-latching
-011	Medium	High	High	TDSA or Quick	De-Energized Latching	UV or IR	High	TDSA	De-energized Latching	Energized Non-latching
-012	High	High	Low	TDSA Only	De-Energized Latching	Pre-Alarm	High	TDSA	De-energized Latching	Energized Non-latching
-013*	High	Off	High	TDSA or Quick	De-Energized Non-Latching	Follows Alarm	Off	TDSA or Quick	Energized Non-Latching	Energized Non-latching
-014*	High	Off	High	TDSA or Quick	De-Energized Latching	Follows Alarm	Off	TDSA or Quick	De-energized Latching	Energized Non-latching
-015	Very High	Low	Very High	TDSA or Quick	De-Energized Non-Latching	Follows Alarm	Off	TDSA or Quick	Energized Non-Latching	Energized Non-latching
-016	Very High	Low	Very High	TDSA or Quick	De-Energized Latching	Follows Alarm	Off	TDSA or Quick	De-energized Latching	Energized Non-latching
-019	Very High	Off	Very High	TDSA or Quick	De-Energized Non-Latching	UV or IR	Off	TDSA	Energized Non-Latching	Energized Non-latching
-021	Very High	Off	Very High	TDSA or Quick	De-Energized Latching	Follows Alarm	Off	TDSA or Quick	Energized Latching	Energized Non-latching
-022	Very High	Off	Very High	TDSA or Quick	De-Energized Non-Latching	UV or IR	Off	TDSA or Quick	De-Energized Non-latching	Energized Non-latching

*Available only on the X5200GM model

ARC = Arc Rejection. An algorithm that prevents false alarms from transient UV sources

TDSA = "Time Domain Signal Analysis" proprietary signal processing algorithm for superior IR false alarm rejection

Quick = Signal processing for explosive IR events

Application Guidelines

The following criteria should be considered when choosing a sensitivity level for the intended application:

- Speed of response based on fuel type and fire size
- Distance between the hazard and the flame detector

These are typical industry application settings. They may not be applicable to all installations. Contact factory for additional application guidance.

Offshore	001
Compressor	002
Paper Machine	003
Engine Test Cells	001
Aerosol Fill	013, 022
Munitions	013, 022
High Speed	013, 022

NOTE: Latching relays cannot be used in voted systems.

ULTRAVIOLET/INFRARED

X5200G UVIR Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

Model	Part Number *	Material	Threads	Output	Ex d e	Ex d
X5200GA4N13T1	018508-XXX	AL	3/4 NPT	Relay/0-20 mA	X	
X5200GA4M13T1	018509-XXX	AL	M25	Relay/0-20 mA	X	
X5200GS4N13T1	018510-XXX	SS	3/4 NPT	Relay/0-20 mA	X	
X5200GS4M13T1	018511-XXX	SS	M25	Relay/0-20 mA	X	
X5200GA4N13T2	018512-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X5200GA4M13T2	018513-XXX	AL	M25	Relay/0-20 mA		X
X5200GS4N13T2	018514-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X5200GS4M13T2	018515-XXX	SS	M25	Relay/0-20 mA		X
X5200GA4N14T1	018516-001	AL	3/4 NPT	EQP	X	
X5200GA4M14T1	018517-001	AL	M25	EQP	X	
X5200GA4N14T1	018518-001	SS	3/4 NPT	EQP	X	
X5200GA4M14T1	018519-001	SS	M25	EQP	X	
X5200GA4N14T2	018520-001	AL	3/4 NPT	EQP		X
X5200GA4M14T2	018521-001	AL	M25	EQP		X
X5200GA4N14T2	018522-001	SS	3/4 NPT	EQP		X
X5200GA4M14T2	018523-001	SS	M25	EQP		X
X5200GA4N23T1	018658-XXX	AL	3/4 NPT	Rly/0-20/HART	X	
X5200GA4M23T1	018659-XXX	AL	M25	Rly/0-20/HART	X	
X5200GS4N23T1	018660-XXX	SS	3/4 NPT	Rly/0-20/HART	X	
X5200GS4M23T1	018661-XXX	SS	M25	Rly/0-20/HART	X	
X5200GA4N23T2	018662-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X5200GA4M23T2	018663-XXX	AL	M25	Rly/0-20/HART		X
X5200GS4N23T2	018664-XXX	SS	3/4 NPT	Rly/0-20/HART		X
X5200GS4M23T2	018665-XXX	SS	M25	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table B1 to choose the correct option. The EQ and EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

X5200G UVIR Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

- For Aerosol Fill / Munitions / High Speed Applications

Model	Part Number *	Material	Threads	Output	Ex d e	Ex d	Aux Relay
X5200GA4N13T1	018508-022	AL	3/4 NPT	Relay/0-20 mA	X		UV or IR Alarm
X5200GA4M13T1	018509-022	AL	M25	Relay/0-20 mA	X		UV or IR Alarm
X5200GA4N13T2	018512-022	AL	3/4 NPT	Relay/0-20 mA		X	UV or IR Alarm
X5200GA4M13T2	018513-022	AL	M25	Relay/0-20 mA		X	UV or IR Alarm
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)							

*The last 3 digits of the part number identify the software configuration (-022 is specification for this application).

ULTRAVIOLET/INFRARED

X5200G UVIR Flame Detector - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X5200GA4N14W1	018532-001	AL	3/4 NPT	EQP	X	
X5200GA4M14W1	018700-001	AL	M25	EQP	X	
X5200GS4N14W1	018533-001	SS	3/4 NPT	EQP	X	
X5200GS4M14W1	018728-001	SS	M25	EQP	X	
X5200GA4N14W2	018703-001	AL	3/4 NPT	EQP		X
X5200GA4M14W2	018701-001	AL	M25	EQP		X
X5200GS4N14W2	018705-001	SS	3/4 NPT	EQP		X
X5200GS4M14W2	018704-001	SS	M25	EQP		X
X5200GA4N15W1	018524-XXX	AL	3/4 NPT	Pulse/Relay	X	
X5200GA4M15W1	018525-XXX	AL	M25	Pulse/Relay	X	
X5200GS4N15W1	018526-XXX	SS	3/4 NPT	Pulse/Relay	X	
X5200GS4M15W1	018527-XXX	SS	M25	Pulse/Relay	X	
X5200GA4N15W2	018528-XXX	AL	3/4 NPT	Pulse/Relay		X
X5200GA4M15W2	018529-XXX	AL	M25	Pulse/Relay		X
X5200GS4N15W2	018530-XXX	SS	3/4 NPT	Pulse/Relay		X
X5200GS4M15W2	018531-XXX	SS	M25	Pulse/Relay		X
X5200GA4N24W1	018556-001	AL	3/4 NPT	Eagle Quantum	X	
X5200GA4M24W1	018557-001	AL	M25	Eagle Quantum	X	
X5200GS4N24W1	018558-001	SS	3/4 NPT	Eagle Quantum	X	
X5200GA4N24W2	018560-001	AL	3/4 NPT	Eagle Quantum		X
X5200GA4M24W2	018561-001	AL	M25	Eagle Quantum		X
X5200GS4N24W2	018562-001	SS	3/4 NPT	Eagle Quantum		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table B1 to choose the correct option. The EQ and EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

ULTRAVIOLET/INFRARED

X5200GM UVIR Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

- For Aerosol Fill / Munitions / High Speed Applications

The X5200GM UV/IR detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry and some black powders.

Model	Part Number	Material	Threads	Output	Ex d e	Ex d
X5200GMA4N13T1	018540-013	AL	3/4 NPT	Relay/0-20 mA	X	
X5200GMS4M13T1	018543-013	SS	M25	Relay/0-20 mA	X	
X5200GMA4N13T2	018544-013	AL	3/4 NPT	Relay/0-20 mA		X
X5200GMS4N13T2	018546-013	SS	3/4 NPT	Relay/0-20 mA		X
X5200GMS4M13T2	018547-013	SS	M25	Relay/0-20mA		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration (-013 is specification for this application).

X5200GM UVIR Flame Detector - FM / CSA / ATEX / IECEx

- For Aerosol Fill / Munitions / High Speed Applications

The X5200GM UV/IR detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry and some black powders.

Model	Part Number	Material	Threads	Output	Ex d e	Ex d
X5200GMA4N15W1	018548-013	AL	3/4 NPT	Pulse/Relay	X	
X5200GMA4N15W2	018552-013	AL	3/4 NPT	Pulse/Relay		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration (-013 is specification for this application).

ULTRAVIOLET/INFRARED

X5200G UVIR Flame Detector - INMETRO (Brazil)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X5200GA4N13B2	018643-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X5200GS4N13B2	018644-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X5200GA4N14B2	018645-001	AL	3/4 NPT	EQP		X
X5200GS4N14B2	018646-001	SS	3/4 NPT	EQP		X
X5200GA4N23B2	018647-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X5200GS4N23B2	018648-XXX	SS	3/4 NPT	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table B1 to choose the correct option.

The EQP detectors are completely configurable using the S3 software and are defaulted to the -001 setting

X5200G UVIR Flame Detector - UKRCEPRO (Ukraine)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X5200GA4M13U1	018576-XXX	AL	M25	Relay/0-20 mA	X	
X5200GS4M13U1	018718-XXX	SS	M25	Relay/0-20 mA	X	
X5200GA4M13U2	018578-XXX	AL	M25	Relay/0-20 mA		X
X5200GS4M13U2	018666-XXX	SS	M25	Relay/0-20 mA		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table B1 to choose the correct option.

SINGLE FREQUENCY INFRARED

X9800 Single Frequency IR Flame Detector



The **X9800 IR Flame Detector** (Spec Sheet: 90-1160) meets the most stringent requirements worldwide with advanced detection capabilities and immunity to extraneous sources, combined with a superior mechanical design. The detector is equipped with dual signal processing (Quick Fire high speed operation and Time Domain Signal Analysis) and automatic/magnetic manual o_i (optical integrity) test capability. The detector has Division and Zone explosion-proof ratings and is suitable for use in indoor and outdoor applications.

The standard output configuration includes fire, fault, and auxiliary relays with RS-485 Modbus. Optional 0-20 mA, Pulse, Eagle Quantum Premier, or HART outputs are also available. A model with pulse output is available for easy retrofitting into existing Det-Tronics R74XX controller-based systems.

The X9800 housing is available in aluminum or stainless steel, with Type 4X and IP66/IP67 rating. Typical applications include: printing, petrochemical, automotive, and dirty environments.

- Models available with SIL 2 certification
- Unequaled false alarm rejection, TDSA
- Tricolor LED on detector faceplate indicates detector status condition
- Ultra High speed capability
- Heated optics for increased resistance to moisture and ice
- Automatic, manual, or magnetic o_i testing
- Optional HART output and AMS aware
- Tricolor LED indicates normal operation, fire, and fault conditions
- FM, CSA, ATEX, and IECEx
- EN 54 part 10 certified by CPR, LPCB, VdS
- AFNOR approved models available upon request (-NF)
- Mounting arm allows easy sighting
- Integral wiring compartment for ease of installation
- Terminal block allows for Class X Pathway Designation per NFPA 72
- Meets NFPA 33 response requirement for under 0.5 seconds (available when model selected)
- Built-in data logging / event monitoring

SINGLE FREQUENCY INFRARED

X9800 Model Matrix

MODEL	DESCRIPTION	
X9800	Single Frequency IR Flame Detector	
	TYPE	MATERIAL
	A	Aluminum (AL)
	S	Stainless Steel (SS)
	TYPE	THREAD TYPE
	4M	4 Port, M25
	4N	4 Port, 3/4" NPT
	TYPE	OUTPUTS
	11	Relay
	13	Relay and 0-20 mA
	14	Eagle Quantum Premier
	15	Relay and Pulse
	23[†]	HART, Relay, and 0-20 mA
	TYPE	APPROVALS [‡]
	S	SIL
	T^{§§}	SIL/FM/CSA/ATEX/IECEX
	U	UKRCEPRO (UKRAINE)
	W^{§§}	FM/CSA/ATEX/IECEX
	TYPE	CLASSIFICATION
	1	Division/Zone Ex d e
	2	Division/Zone Ex d

[†] Type 23 Output - When HART output chosen detector does not have RS-485 communication available.

[‡]Type Approvals can use one or more letters to designate the approvals of the product.

^{§§} Type T and W Approvals: EN-54Part 10 only available on Output Types 11, 13, 14, and 23. CPR and LPCB.

SINGLE FREQUENCY INFRARED

Table C1 - X9800 Software Part Number Configuration Matrix*

Dash	IR Sensitivity	Alarm Output IR Qualification	Alarm Relay	Aux Output Function	Aux Output IR Qualification	Aux Relay	Fault Relay
-001	High	TDSA	De-Energized Non-latching	Follows Alarm	TDSA	Energized Non-latching	Energized Non-latching
-002	High	TDSA or Quick	De-Energized Non-latching	Follows Alarm	TDSA or Quick	Energized Non-latching	Energized Non-latching
-003	Very High	TDSA or Quick	De-Energized Non-latching	Follows Alarm	TDSA or Quick	Energized Non-latching	Energized Non-latching
-004	Very High	TDSA	De-Energized Non-latching	Follows Alarm	TDSA	Energized Non-latching	Energized Non-latching
-005	High	TDSA or Quick	De-Energized Non-latching	Independent	Quick	Energized Non-latching	Energized Non-latching
-006	Low	TDSA	De-Energized Non-latching	Follows Alarm	TDSA	Energized Non-latching	Energized Non-latching
-007	High	TDSA	De-Energized Latching	Follows Alarm	TDSA	De-energized Latching	Energized Non-latching
-008	High	TDSA or Quick	De-Energized Latching	Follows Alarm	TDSA or Quick	De-energized Latching	Energized Non-latching
-009	Very High	TDSA or Quick	De-Energized Latching	Follows Alarm	TDSA or Quick	De-energized Latching	Energized Non-latching
-010	Very High	TDSA	De-Energized Latching	Follows Alarm	TDSA	De-energized Latching	Energized Non-latching
-011	High	TDSA or Quick	De-Energized Latching	Independent	Quick	De-energized Latching	Energized Non-latching
-012	Low	TDSA	De-Energized Latching	Follows Alarm	TDSA	De-energized Latching	Energized Non-latching
-013	High	Quick	De-Energized Non-Latching	Pre-Alarm	None	Energized Non-Latching	Energized Non-latching

* Not all configurations are performance approved. See applicable certificates and instruction manual appendices for details.

TDSA = "Time Domain Signal Analysis" proprietary signal processing algorithm for superior IR false alarm rejection

Quick = Signal processing for explosive IR events

Application Guidelines

The following criteria should be considered when choosing a sensitivity level for the intended application:

- Speed of response based on fuel type and fire size
- Distance between the hazard and the flame detector

These are typical industry application settings. They may not be applicable to all installations. Contact factory for additional application guidance.

Offshore	001
Compressor	002
High Speed	003
Powder Coating	013
Automotive	005
Printing	001, 002, 005

NOTE: Latching relays cannot be used in voted systems.

SINGLE FREQUENCY INFRARED

X9800 Single Frequency IR Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X9800A4N13T1	008800-XXX	AL	3/4 NPT	Relay/0-20mA	X	
X9800A4M13T1	008801-XXX	AL	M25	Relay/0-20mA	X	
X9800S4N13T1	008802-XXX	SS	3/4 NPT	Relay/0-20mA	X	
X9800S4M13T1	008803-XXX	SS	M25	Relay/0-20mA	X	
X9800A4N13T2	008804-XXX	AL	3/4 NPT	Relay/0-20mA		X
X9800A4M13T2	008805-XXX	AL	M25	Relay/0-20mA		X
X9800S4N13T2	008806-XXX	SS	3/4 NPT	Relay/0-20mA		X
X9800S4M13T2	008807-XXX	SS	M25	Relay/0-20mA		X
X9800A4N23T1	008808-XXX	AL	3/4 NPT	Rly/0-20 HART	X	
X9800A4M23T1	008809-XXX	AL	M25	Rly/0-20 HART	X	
X9800S4N23T1	008810-XXX	SS	3/4 NPT	Rly/0-20 HART	X	
X9800S4M23T1	008811-XXX	SS	M25	Rly/0-20 HART	X	
X9800A4N23T2	008812-XXX	AL	3/4 NPT	Rly/0-20 HART		X
X9800A4M23T2	008813-XXX	AL	M25	Rly/0-20 HART		X
X9800S4N23T2	008814-XXX	SS	3/4 NPT	Rly/0-20 HART		X
X9800S4M23T2	008815-XXX	SS	M25	Rly/0-20 HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table C1 to choose the correct option.
The EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

SINGLE FREQUENCY INFRARED

X9800 Single Frequency IR Flame Detector - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X9800A4N14W1	008716-001	AL	3/4 NPT	EQP	X	
X9800A4M14W1	008717-001	AL	M25	EQP	X	
X9800S4N14W1	008718-001	SS	3/4 NPT	EQP	X	
X9800S4M14W1	008719-001	SS	M25	EQP	X	
X9800A4N14W2	008720-001	AL	3/4 NPT	EQP		X
X9800A4M14W2	008721-001	AL	M25	EQP		X
X9800S4N14W2	008722-001	SS	3/4 NPT	EQP		X
X9800S4M14W2	008723-001	SS	M25	EQP		X
X9800A4N15W1	008724-XXX	AL	3/4 NPT	Pulse/Relay	X	
X9800S4N15W1	008726-XXX	SS	3/4 NPT	Pulse/Relay	X	
X9800S4M15W1	008727-XXX	SS	M25	Pulse/Relay	X	
X9800A4N15W2	008728-XXX	AL	3/4 NPT	Pulse/Relay		X
X9800A4M15W2	008729-XXX	AL	M25	Pulse/Relay		X
X9800S4N15W2	008730-XXX	SS	3/4 NPT	Pulse/Relay		X
X9800S4M15W2	008731-XXX	SS	M25	Pulse/Relay		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table C1 to choose the correct option.
The EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

X9800 Single Frequency IR Flame Detector - UKRCEPRO (Ukraine)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X9800A4M11U2	008764-XXX	AL	M25	Relay		X
X9800A4M13U1	008766-XXX	AL	M25	Relay/0-20 mA	X	
X9800S4M13U1	008767-XXX	SS	M25	Relay/0-20 mA	X	
X9800A4M13U2	008768-XXX	AL	M25	Relay/0-20 mA		X
X9800S4M13U2	008769-XXX	SS	M25	Relay/0-20 mA		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table C1 to choose the correct option.

ULTRAVIOLET

X2200G UV Flame Detector



X2200G UV Flame Detector (Spec Sheet: 90-1157) meets the most stringent requirements worldwide with advanced signal processing and immunity to extraneous sources, combined with Ultra-high speed capability. The detector is equipped with both automatic and manual ϕ_i (optical integrity). The detector has Division and Zone explosion-proof ratings and is suitable for use in a variety of applications.

The standard output configuration includes fire, fault, and auxiliary relays with RS-485 Modbus. Optional 0-20 mA, Pulse, Eagle Quantum Premier, or HART outputs are also available. A model with pulse output is available for easy retrofitting into existing Det-Tronics R74XX controller based systems.

The X2200G housing is available in aluminum or stainless steel, with Type 4X and IP66/IP67 rating. Typical applications include: HVDC converter stations, munitions, sulfur production, and silane storage.

- Models available with SIL 2 certification
- ARC rejection - Advanced signal processing
- Unequaled false alarm rejection - Solar blind
- Responds to a fire in the presence of modulated blackbody radiation without false alarm
- Ultra-High speed capability
- Optional HART output and AMS aware
- Automatic, manual, or magnetic ϕ_i (optical integrity) testing
- Pulse output for compatibility with Det-Tronics R74XX controller-based systems (optional)
- FM, CSA, ATEX, CE, and IECEx
- EN 54 part 10 certified by CPR, LPCB, VdS
- AFNOR approved models available upon request (-NF)
- Tricolor LED indicates normal operation, fire, and fault conditions
- Mounting arm allows easy sighting
- Integral wiring compartment for ease of installation
- Terminal block allows for Class X Pathway Designation per NFPA 72
- EMI, RFI, EMC Directive Compliant
- Built-in data logging / event monitoring
- Molybdenum Model available for applications that require increased spectral sensitivity

X2200G Model Matrix

MODEL	DESCRIPTION												
X2200G	UV Flame Detector with Standard Detector Tube, Kr ⁸⁵ free Source Tube (replaces X2200)												
X2200GM*	UV Flame Detector with Molybdenum Tube, Kr ⁸⁵ free Source Tube (replaces X2200M)												
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum (AL)</td> </tr> <tr> <td>S</td> <td>Stainless Steel (SS)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum (AL)	S	Stainless Steel (SS)						
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*Special Application - consult factory before ordering.

X2200GM does not have EN-54 Part 10 approvals.

[†]Type 23 Output - When HART output chosen detector does not have RS-485 communication available.

[§]Type Approvals can use one or more letters to designate the approvals of the product.

^{§§}Type T and W Approvals: EN-54Part 10 only available on Output Types 11, 13, 14, and 23. CPR and LPCB.

The X2200G and X2200GM UVIR Flame Detectors contain a Kr85 free source tube. There are no differences in detection performance between the X2200 and X2200G, or between the X2200M and X2200GM.

Models X2200 and X2200M were retired in 2024, and are no longer available.

ULTRAVIOLET

Table D1 - X2200G Software Part Number Configuration Matrix*

Dash	UV Sensitivity	Arc Rejection	Alarm Relay	Aux Output Function	Aux Relay	Fault Relay
-001	High	High	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-002	High	Very High	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-003	High	Off	De-Energized Non-latching	Pre-Alarm	Energized Non-latching	Energized Non-latching
-005	Medium	High	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-006	High	High	De-Energized Non-latching	Pre-Alarm	Energized Non-latching	Energized Non-latching
-007	High	High	De-Energized Latching	Follows Alarm	De-energized Latching	Energized Non-latching
-008	High	Very High	De-Energized Latching	Follows Alarm	De-energized Latching	Energized Non-latching
-009	High	Off	De-Energized Latching	Pre-Alarm	De-energized Latching	Energized Non-latching
-010	Medium	High	De-Energized Latching	Follows Alarm	De-energized Latching	Energized Non-latching
011	High	High	De-Energized Latching	Pre-Alarm	De-energized Latching	Energized Non-latching
-013*	High	Off	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-014*	High	Off	De-Energized Latching	Follows Alarm	De-energized Latching	Energized Non-latching
-015	Very High	Low	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-016	Very High	Low	De-Energized Latching	Follows Alarm	De-energized Latching	Energized Non-latching
-017	Very High	Off	De-Energized Non-latching	Pre-Alarm	Energized Non-latching	Energized Non-latching
-018	Very High	Off	De-Energized Non-latching	Follows Alarm	Energized Non-latching	Energized Non-latching
-019	Very High	Off	De-Energized Non-latching	Pre-Alarm	De-Energized Non-latching	Energized Non-latching

**Not all configurations are performance approved. See applicable certificates and instruction manual appendices for details.

*Available only on the X2200GM model

ARC = Arc Rejection. An algorithm that prevents false alarms from transient UV sources

Application Guidelines

The following criteria should be considered when choosing a sensitivity level for the intended application:

- Speed of response based on fuel type and fire size
- Distance between the hazard and the flame detector

These are typical industry application settings. They may not be applicable to all installations. Contact factory for additional application guidance.

HVDC	005
Compressor	002
High Speed	003
Automotive	005
Turbine	006
Munitions	013, 019

NOTE: Latching relays cannot be used in voted systems.

X2200G UV Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

Model	Part Number *	Material	Threads	Output	Ex d e	Ex d
X2200GA4N13T1	018308-XXX	AL	3/4 NPT	Relay/0-20 mA	X	
X2200GA4M13T1	018309-XXX	AL	M25	Relay/0-20 mA	X	
X2200GS4N13T1	018310-XXX	SS	3/4 NPT	Relay/0-20 mA	X	
X2200GS4M13T1	018311-XXX	SS	M25	Relay/0-20 mA	X	
X2200GA4N13T2	018312-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X2200GA4M13T2	018313-XXX	AL	M25	Relay/0-20 mA		X
X2200GS4N13T2	018314-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X2200GS4M13T2	018315-XXX	SS	M25	Relay/0-20 mA		X
X2200GA4N14T1	018316-001	AL	3/4 NPT	EQP	X	
X2200GA4M14T1	018455-001	AL	M25	EQP	X	
X2200GS4N14T1	018318-001	SS	3/4 NPT	EQP	X	
X2200GS4M14T1	018456-001	SS	M25	EQP	X	
X2200GA4N14T2	018320-001	AL	3/4 NPT	EQP		X
X2200GA4M14T2	018457-001	AL	M25	EQP		X
X2200GS4N14T2	018458-001	SS	3/4 NPT	EQP		X
X2200GS4M14T2	018459-001	SS	M25	EQP		X
X2200GA4N23T1	018438-XXX	AL	3/4 NPT	Rly/0-20/HART	X	
X2200GA4M23T1	018439-XXX	AL	M25	Rly/0-20/HART	X	
X2200GS4N23T1	018440-XXX	SS	3/4 NPT	Rly/0-20/HART	X	
X2200GS4M23T1	018441-XXX	SS	M25	Rly/0-20/HART	X	
X2200GA4N23T2	018442-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X2200GA4M23T2	018443-XXX	AL	M25	Rly/0-20/HART		X
X2200GS4N23T2	018444-XXX	SS	3/4 NPT	Rly/0-20/HART		X
X2200GS4M23T2	018445-XXX	SS	M25	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						
The EQP detectors are completely configurable using the configuration software and are shipped defaulted to the -001 setting						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option. The EQP detectors can be configured via the configuration software and are shipped defaulted to the -001 setting.

X2200GM UV Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

- Molybdenum Detector Tube

The X2200GM UV detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry, sulfur fires, and some black powders.

Model	Part Number *	Material	Threads	Output	Ex d e	Ex d
X2200GMA4N23T1	018446-XXX	AL	3/4 NPT	Rly/0-20/HART	X	
X2200GMA4M23T1	018447-XXX	AL	M25	Rly/0-20/HART	X	
X2200GMS4N23T1	018448-XXX	SS	3/4 NPT	Rly/0-20/HART	X	
X2200GMS4M23T1	018449-XXX	SS	M25	Rly/0-20/HART	X	
X2200GMA4N23T2	018450-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X2200GMA4M23T2	018451-XXX	AL	M25	Rly/0-20/HART		X
X2200GMS4N23T2	018452-XXX	SS	3/4 NPT	Rly/0-20/HART		X
X2200GMS4M23T2	018453-XXX	SS	M25	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option.

ULTRAVIOLET

X2200G UV Flame Detector - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GA4N14W1	018317-001	AL	3/4 NPT	EQP	X	
X2200GA4M14W1	018723-001	AL	M25	EQP	X	
X2200GS4N14W1	018319-001	SS	3/4 NPT	EQP		X
X2200GS4M14W1	018724-001	SS	M25	EQP		X
X2200GA4N14W2	018711-001	AL	3/4 NPT	EQP	X	
X2200GA4M14W2	018725-001	AL	M25	EQP	X	
X2200GS4N14W2	018716-001	SS	3/4 NPT	EQP		X
X2200GS4M14W2	018726-001	SS	M25	EQP		X
X2200GA4N15W1	018324-XXX	AL	3/4 NPT	Pulse/Relay	X	
X2200GS4N15W1	018326-XXX	SS	3/4 NPT	Pulse/Relay	X	
X2200GS4M15W1	018327-XXX	SS	M25	Pulse/Relay	X	
X2200GA4N15W2	018328-XXX	AL	3/4 NPT	Pulse/Relay		X
X2200GS4N15W2	018330-XXX	SS	3/4 NPT	Pulse/Relay		X
X2200GS4M15W2	018331-XXX	SS	M25	Pulse/Relay		X
X2200GA4N24W1	018356-001	AL	3/4 NPT	Eagle Quantum	X	
X2200GS4N24W1	018358-001	SS	3/4 NPT	Eagle Quantum	X	
X2200GA4N24W2	018360-001	AL	3/4 NPT	Eagle Quantum		X
X2200GS4N24W2	018362-001	SS	3/4 NPT	Eagle Quantum		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option.

The EQ and EQP detectors are completely configurable using the configuration software and are shipped defaulted to the -001 setting.

X2200GM UV Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

- For Aerosol Filling / Munitions / High Speed Applications

The X2200GM UV detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry, sulfur fires, and some black powders.

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GMA4N13T1	018340-013	AL	3/4 NPT	Relay/0-20 mA	X	
X2200GMS4M13T1	018343-013	SS	M25	Relay/0-20 mA	X	
X2200GMS4M13T2	018347-013	SS	M25	Relay/0-20 mA		X
X2200GMS4N14T1	018374-001	SS	3/4 NPT	EQP	X	
X2200GMA4M14T2	018377-001	AL	M25	EQP		X
X2200GMS4N14T2	018378-001	SS	3/4 NPT	EQP		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option. The EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

X2200GM UV Flame Detector - FM / CSA / ATEX / IECEx

- For Aerosol Filling / Munitions / High Speed Applications

The X2200GM UV detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry, sulfur fires, and some black powders.

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GMS4N14W1	018712-001	SS	3/4 NPT	EQP	X	
X2200GMS4M14W2	018715-001	AL	M25	EQP		X
X2200GMS4N14W2	018719-001	SS	3/4 NPT	EQP		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option. The EQP detectors are completely configurable using the S3 software and are defaulted to the -001 setting

X2200G UV Flame Detector - INMETRO (Brazil)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GA4N13B2	018422-XXX	AL	3/4 NPT	Relay/0-20 mA		X
X2200GS4N13B2	018423-XXX	SS	3/4 NPT	Relay/0-20 mA		X
X2200GA4N14B2	018424-001	AL	3/4 NPT	EQP		X
X2200GS4N14B2	018425-001	SS	3/4 NPT	EQP		X
X2200GA4N23B2	018426-XXX	AL	3/4 NPT	Rly/0-20/HART		X
X2200GS4N23B2	018427-XXX	SS	3/4 NPT	Rly/0-20/HART		X
Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)						

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option. The EQP detectors are completely configurable using the S3 software and are defaulted to the -001 setting

ULTRAVIOLET

X2200G UV Flame Detector - UKRCEPRO (Ukraine)

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GA4M13U1	018462-XXX	AL	M25	Relay/0-20 mA	X	
X2200GS4M13U1	018463-XXX	SS	M25	Relay/0-20 mA	X	
X2200GA4M13U2	018464-XXX	AL	M25	Relay/0-20 mA		X
X2200GS4M13U2	018465-XXX	SS	M25	Relay/0-20 mA		X

Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option.

ULTRAVIOLET

X2200GM UV Flame Detector - SIL 2 / FM / CSA / ATEX / IECEx

- For Aerosol Fill / Munitions / High Speed Applications

In addition to having a Kr-85 free source tube, the X2200GM UV Flame Detector utilizes a molybdenum (moly) sensing element. Moly-based sensors have an increased spectral range of 1850 to 2650 angstroms, which is better suited for detecting substances with unusual chemistry, sulfur fires, and some black powders.

Model	Part Number*	Material	Threads	Output	Ex d e	Ex d
X2200GMA4N13T2	018460-003	AL	3/4 NPT	Relay/0-20 mA		X
X2200GMA4N13T2	018460-013	AL	3/4 NPT	Relay/0-20 mA		X
X2200GMA4M13T2	018461-003	AL	M25	Relay		X
X2200GMA4M13T2	018461-013	AL	M25	Relay		X

Ship Weight: Aluminum = 7lb (3.2kg) Stainless Steel = 14.6lb (6.7kg)

*The last 3 digits of the part number identify the software configuration. Please see table D1 to choose the correct option (configuration -013 is specification for this application).
The EQP detectors are completely configurable using the S3 configuration software and are shipped defaulted to the -001 setting.

X-SERIES FLAME DETECTOR SPARE PARTS & ACCESSORIES

X-Series Flame Detector Spare Parts

X-Series Sensor Modules - SIL 2 / FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Ex d e	Ex d	Ship Weight
X3301**	029965-XXX	AL	X		2 lb (0.9 kg)
X3301**	029966-XXX	SS	X		4 lb (1.8 kg)
X3301**	029967-XXX	AL		X	2 lb (0.9 kg)
X3301**	029968-XXX	SS		X	4 lb (1.8 kg)
X3301 EQP/LON†	027866-001	AL	X		2 lb (0.9 kg)
X3301 EQP/LON†	027867-001	SS	X		4 lb (1.8 kg)
X3301 EQP/LON†	027868-001	AL		X	2 lb (0.9 kg)
X3301 EQP/LON†	027869-001	SS		X	4 lb (1.8 kg)
**Replacement sensor modules for EQP/LON models dated January 2009 or newer.					
†Replacement sensor modules for EQP/LON models dated December 2008 or older (not capable of t-low setting).					
X3302	022340-001	AL	X		2 lb (0.9 kg)
X3302	022341-001	SS	X		4 lb (1.8 kg)
X3302	022342-001	AL		X	2 lb (0.9 kg)
X3302	022343-001	SS		X	4 lb (1.8 kg)
X5200G	013370-XXX	AL	X		2 lb (0.9 kg)
X5200G	013372-XXX	SS	X		4 lb (1.8 kg)
X5200G	013371-XXX	AL		X	2 lb (0.9 kg)
X5200G	013373-XXX	SS		X	4 lb (1.8 kg)
X5200GM	013114-XXX	AL	X		2 lb (0.9 kg)
X5200GM	013115-XXX	SS	X		4 lb (1.8 kg)
X5200GM	013116-XXX	AL		X	2 lb (0.9 kg)
X5200GM	013117-XXX	SS		X	4 lb (1.8 kg)
X9800	012138-XXX	AL	X		2 lb (0.9 kg)
X9800	012139-XXX	SS	X		4 lb (1.8 kg)
X9800	012140-XXX	AL		X	2 lb (0.9 kg)
X9800	012141-XXX	SS		X	4 lb (1.8 kg)
X2200G	013070-XXX	AL	X		2 lb (0.9 kg)
X2200G	013072-XXX	SS	X		4 lb (1.8 kg)
X2200G	013071-XXX	AL		X	2 lb (0.9 kg)
X2200G	013073XXX	SS		X	4 lb (1.8 kg)
X2200GM	013105-XXX	AL	X		2 lb (0.9 kg)
X2200GM	013106-XXX	SS	X		4 lb (1.8 kg)
X2200GM	013107-XXX	AL		X	2 lb (0.9 kg)
X2200GM	013108-XXX	SS		X	4 lb (1.8 kg)



X5200G
Available
March 2025

X5200GM
Available
March 2025

X2200G
Available
March 2025

X2200GM
Available
March 2025

*The last 3 digits of the part number identify the software configuration.
The EQP detectors are completely configurable using the configuration software and are shipped defaulted to the -001 setting.

X5200G Sensor Modules - SIL 2 / FM / CSA / ATEX / IECEx

- For Aerosol Fill / Munitions / High Speed Applications

Model	Part Number*	Material	Ex d e	Ex d	Ship Weight
X5200G	013374-022	AL		X	2 lb (0.9 kg)
X5200G	013375-022	AL	X		2 lb (0.9 kg)

X-SERIES FLAME DETECTOR SPARE PARTS & ACCESSORIES

X-Series Sensor Modules - FM / CSA / ATEX / IECEx

Model	Part Number*	Material	Ex d e	Ex d	Ship Weight
X3301	027752-XXX	AL	X		2 lb (0.9 kg)
X3301	027753-XXX	AL		X	2 lb (0.9 kg)
X3301	027754-XXX	SS	X		4 lb (1.8 kg)
X3301	027755-XXX	SS		X	4 lb (1.8 kg)
X3301 Automotive	027753-005	AL		X	2 lb (0.9 kg)
X3302	028992-XXX	AL	X		2 lb (0.9 kg)
X3302	028993-XXX	AL		X	2 lb (0.9 kg)
X3302	028994-XXX	SS	X		4 lb (1.8 kg)
X3302	028995-XXX	SS		X	4 lb (1.8 kg)
X5200G	013288-XXX	AL	X		2 lb (0.9 kg)
X5200G	013289-XXX	AL		X	2 lb (0.9 kg)
X5200G	013290-XXX	SS	X		4 lb (1.8 kg)
X5200G	013291-XXX	SS		X	4 lb (1.8 kg)
X5200GM	013110-013	AL	X		2 lb (0.9 kg)
X5200GM	013111-013	AL		X	2 lb (0.9 kg)
X5200GM	013112-013	SS	X		4 lb (1.8 kg)
X5200GM	013113-013	SS		X	4 lb (1.8 kg)
X9800	007760-XXX	AL	X		2 lb (0.9 kg)
X9800	007761-XXX	AL		X	2 lb (0.9 kg)
X9800	007762-XXX	SS	X		4 lb (1.8 kg)
X9800	007763-XXX	SS		X	4 lb (1.8 kg)
X2200G	013080-XXX	AL	X		2 lb (0.9 kg)
X2200G	013081-XXX	AL		X	2 lb (0.9 kg)
X2200G	013082-XXX	SS	X		4 lb (1.8 kg)
X2200G	013083-XXX	SS		X	4 lb (1.8 kg)
X2200GM	013084-XXX	AL	X		2 lb (0.9 kg)
X2200GM	013085-XXX	AL		X	2 lb (0.9 kg)
X2200GM	013086-XXX	SS	X		4 lb (1.8 kg)
X2200GM	013087-XXX	SS		X	4 lb (1.8 kg)



X5200G
Available
March 2025



X5200GM
Available
March 2025

X2200G
Available
March 2025

X2200GM
Available
March 2025

*The last 3 digits of the part number identify the software configuration.

X-SERIES FLAME DETECTOR SPARE PARTS & ACCESSORIES

X-Series Flame Detector EMI Output Boards

Description	Part Number	Ship Weight
EMI/Relay/0-20 Board (X-Series)	007308-001	<1 lb (<0.45 kg)
EMI/Pulse/Relay Board (X-Series)	007308-002	<1 lb (<0.45 kg)
EMI/EQP Board (X-Series)	007308-003	<1 lb (<0.45 kg)
EMI/EQ Retrofit Board (X2200G and X5200G only)	007308-004	<1 lb (<0.45 kg)
EMI/Relay/0-20/HART Board (X-Series)	007308-005	<1 lb (<0.45 kg)
EMI/Automotive Board (X3301)	007308-006	<1 lb (<0.45 kg)



X-Series Miscellaneous Spare Parts

Description	Part Number	Material	Ship Weight
Note: o _i Replacement Kits consist of five (5) plates and a W6300B1003			
o _i Replacement Kit, X3301	009208-001	Black Plastic	<1 lb (<0.45 kg)
o _i Replacement Kit, X3301, SS	010831-001	SS	<1 lb (<0.45 kg)
o _i Replacement Kit, X3302	009208-003	Black Plastic	<1 lb (<0.45 kg)
o _i Replacement Kit, X3302, SS	010831-002	SS	<1 lb (<0.45 kg)
o _i Replacement Kit, X5200/X9800/X2200	009208-002	Black Plastic	<1 lb (<0.45 kg)
Note: o _i plates for any X-Series Flame Detector require a W6300 Inspector Connector to calibrate			
o _i Reflector Plate, X3301	007307-001	Black Plastic	<1 lb (<0.45 kg)
o _i Reflector Plate, X3301, SS	010830-001	SS	<1 lb (<0.45 kg)
o _i Reflector Plate, X3302	007307-003	Black Plastic	<1 lb (<0.45 kg)
o _i Reflector Plate, X3302, SS	010830-002	SS	<1 lb (<0.45 kg)
o _i Reflector Plate, X5200/X9800/X2200	007307-002	Black Plastic	<1 lb (<0.45 kg)
O-ring - Rear Cover	107427-040	Viton	<1 lb (<0.45 kg)
O-ring - Rear Cover	104346-154	Fluorosilicone (blue)	<1 lb (<0.45 kg)

NOTE: Not interchangeable - Reference instruction manual 95-8530 to determine the correct o_i replacement plate.

X-Series Flame Detector Accessories



W6300B Inspector Connector with Enhanced Flame Inspector Software (Manual: 95-8751) for use with X3301, X3302, X5200, X9800, and X2200 flame detectors. Allows for validation of configuration and uploading of important detector status data such as power-up/down, faults and alarms to a personal computer (PC) where it can be displayed, saved and/or printed. Enhanced Flame Inspector CD included

W6300 Inspector Connector - X-Series

Model/Description	Part Number	Converter	Ship Weight
W6300B1003 Connector with Software	007819-002	USB	<1 lb (<0.46 kg)
Replacement Converter RS485 to USB	103881-001	USB	<1 lb (<0.46 kg)
Enhanced Flame Inspector CD	009207-001	N/A	<1 lb (<0.46 kg)



X-SERIES FLAME DETECTOR SPARE PARTS & ACCESSORIES

X-Series Miscellaneous Accessories

Description	Part Number	Ship Weight
Magnet*	102740-002	<1 lb (<0.45 kg)
Magnet and Adapter for Extension Pole	008082-001	<1 lb (<0.45 kg)
Magnet and Extension Pole (6ft to 13ft)	007739-001	2 lb (.91 kg)
Magnet and Extension Pole (8ft to 22ft)	007739-002	4 lb (1.81 kg)
14mm Hex Wrench	103363-001	<1 lb (<0.45 kg)
Screwdriver	103406-001	<1 lb (<0.45 kg)
1 oz grease for detectors (non-silicon)	005003-001	<1 lb (<0.45 kg)
Black Static Cap for o ₂ Calibration	102991-001	<1 lb (<0.45 kg)
Window cleaner (6 pack)	001680-001	<1 lb (<0.45 kg)

*1 magnet ships with each individual order of X-Series detectors, free of charge.



14mm Hex Wrench
103363-001



Magnet and Extension Pole
007739-001



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer

DUAL SPECTRUM INFRARED

PM-5MPX Dual Spectrum Flame Detector



PM-5MPX Dual Spectrum Flame Detector (Spec Sheet: 90-1182) is optimized for the rigorous semiconductor fabrication industry, which is beset with many hazards that result in stringent and application-specific requirements for fire protection safety systems. Additionally, the PM-5MPX is well-suited for the detection of cutting oil fires within CNC machine grinding applications.

- Complies to FM wet bench performance standards
- Approved to FM3260: 2000
- Dual spectrum IR design
- Compact size
- LED indicator for operational status
- Built-in mounting plate
- Typical response of <0.5 sec
- Fast response—as fast as 25 milliseconds
- Polypropylene housing: excellent resistance to corrosion and contamination effects
- FM approved for intrinsic safety
- Highly resistant to false alarms
- May qualify for RoHS machine guarding exception

PM-5MPX Dual Spectrum IR Flame Detector

Model	Part Number	Encl Material	Cable Length	FM	Ship Weight
PM-5MPX	421132-001	Polypropylene	50 ft	X	0.5 lb (0.23 kg)



PSS-ML

PM-5MPX Accessories

Part Number	Description	Ship Weight
007351-001	PSS-ML Test Lamp	<1 lb (<0.45 kg)

SMOKE DETECTORS

U5015 Explosion-Proof Smoke Detector



U5015 Explosion-Proof Smoke Detector (Spec Sheet: 90-1217) The U5015 Explosion-Proof Smoke Detector has Division and Zone explosion-proof ratings and is suitable for industrial and commercial applications. The detector is designed to operate effectively with both smoldering and rapidly growing fires, and will annunciate a fault condition ensuring no undisclosed failures. The U5015 Explosion-Proof Smoke Detector outputs include 0-20 mA, a localized LED, and relays.

- FM Approved for use in Class I, Division 1 and Class I, Zone 1 hazardous locations
- FM Approved for smoke detection performance (FM 3230)
- IECEx Zone approved
- Trouble-free photoelectric operation
- 0-20 mA output for DCS integration
- Self-checking circuitry ensures reliable smoke detection
- Alarm, Auxiliary and Fault relays for controlling annunciating devices or fire panel interface
- LED provides a visual indication that an alarm has occurred
- IP44 ingress protection level suitable for onshore or offshore requirements

U5015 Model Matrix

MODEL	DESCRIPTION										
U5015	Explosion-Proof Smoke Detector										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum (AL)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum (AL)						
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A	Aluminum (AL)										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th># OF PORTS</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1 Port</td> </tr> <tr> <td>2</td> <td>2 Port</td> </tr> <tr> <td>3</td> <td>3 Port</td> </tr> <tr> <td>4</td> <td>4 Port</td> </tr> </tbody> </table>	TYPE	# OF PORTS	1	1 Port	2	2 Port	3	3 Port	4	4 Port
TYPE	# OF PORTS										
1	1 Port										
2	2 Port										
3	3 Port										
4	4 Port										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD TYPE</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>3/4" NPT</td> </tr> <tr> <td>M</td> <td>M25</td> </tr> </tbody> </table>	TYPE	THREAD TYPE	N	3/4" NPT	M	M25				
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TYPE	APPROVAL										
A	FM/IECEX/CSA										

SMOKE DETECTORS

U5015 Explosion-Proof Smoke Detector (FM/IECEX/CSA)

Model	Part Number	Housing Material	J-box Material	# of Ports	Latch	Non-Latch	Conduit Entry	FM/IECEX/CSA
U5015A1N13A	012500-201	ABS	AL	1	X		3/4" NPT	X
U5015A2N13A	012500-202	ABS	AL	2	X		3/4" NPT	X
U5015A3N13A	012500-203	ABS	AL	3	X		3/4" NPT	X
U5015A4N13A	012500-204	ABS	AL	4	X		3/4" NPT	X
U5015A1M13A	012500-205	ABS	AL	1	X		M25	X
U5015A2M13A	012500-206	ABS	AL	2	X		M25	X
U5015A3M13A	012500-207	ABS	AL	3	X		M25	X
U5015A4M13A	012500-208	ABS	AL	4	X		M25	X
U5015A1N12A	012500-211	ABS	AL	1		X	3/4" NPT	X
U5015A2N12A	012500-212	ABS	AL	2		X	3/4" NPT	X
U5015A3N12A	012500-213	ABS	AL	3		X	3/4" NPT	X
U5015A4N12A	012500-214	ABS	AL	4		X	3/4" NPT	X
U5015A1M12A	012500-215	ABS	AL	1		X	M25	X
U5015A2M12A	012500-216	ABS	AL	2		X	M25	X
U5015A3M12A	012500-217	ABS	AL	3		X	M25	X
U5015A4M12A	012500-218	ABS	AL	4		X	M25	X
Ship Weight: 8lb (3.6kg)								

U5015 Spare Parts & Accessories

Part Number	Description	Ship Weight
104286-001	U5015 Replacement Sensor Module	<1 lb (<0.45 kg)
104234-001	Phoenix Contact ME-MAX-NEF/QUINT20A Line Filter*	<1lb (<0.45kg)
102740-002	Magnet	<1 lb (<0.45 kg)
007739-001	Magnet with Extension Pole	<1 lb (<0.45 kg)
101197-001	Stop Plug, 3/4" NPT, AL	<1 lb (<0.45 kg)
101197-005	Stop Plug, M25, AL	<1 lb (<0.45 kg)
000119-008	Smoke Detector Tester (Canned Smoke)	<1 lb (<0.45 kg)

* Required for Maritime Installations

SMOKE DETECTORS

Q5016 Duct Mount Accessory



Q5016 Duct Mount Accessory (Instruction Manual: 95-8752) is used with the U5015 explosion-proof smoke detector to detect smoke within air handling duct work. Mounted to the exterior of the duct wall, the Q5016 utilizes the differential pressure created between the inlet (sampling) and outlet (exhaust) tubes to drive a continuous air sample through the measurement chamber. The Q5016 is designed for hazardous industrial and commercial applications. Also available in red epoxy painted option.

- Air Velocity Range of 300 to 4000 ft/min (91.4 to 1219 meters/min)
- Type 4X
- All aluminum surfaces are coated with chemical film per MIL-DTL-5541 TYPE II Class 1A and ISO 8081

Q5016 Duct Mount Accessory

Model	Part Number	Inlet Tube Length
Q5016-1	013901-001	1 ft (0.3 m)
Q5016-3	013901-003	3 ft (0.9 m)
Q5016-6	013901-006	6 ft (1.8 m)
Q5016-10	013901-010	10 ft (3.1 m)
Ship Weight: 14.2lb (6.5kg)		

SMOKE DETECTORS

Q5016 Duct Mount Accessory



Q5016 Duct Mount Accessory (Instruction Manual: 95-8752) Prior to painting, all aluminum surfaces are coated with chemical film per MIL-DTL-5541 TYPE II Class 1A and ISO 8081. The Q5016 Duct Mount Accessory is painted with a deep-red epoxy. Qualification Tests Per ISO 12944-6, Category C5-I and C5-M.

- Air Velocity Range of 300 to 4000 ft/min (91.4 to 1219 meters/min)
- Type 4X
- All aluminum surfaces are coated with chemical film per MIL-DTL-5541 TYPE II Class 1A and ISO 8081

Q5016 Duct Mount Accessory - Red Painted

Model	Part Number	Inlet Tube Length
Q5016-1-RED	013901-011	1 ft (0.3 m)
Q5016-3-RED	013901-013	3 ft (0.9 m)
Q5016-6-RED	013901-016	6 ft (1.8 m)
Q5016-10-RED	013901-020	10 ft (3.1 m)
Ship Weight: 14.2lb (6.5kg)		

Q5016 Duct Mount Accessory Spare Parts

Model	Part Number
Q5016 inlet tube 1 ft (0.3 m) w/stop	013660-001
Q5016 inlet tube 3 ft (0.9 m) w/stop	013660-003
Q5016 inlet tube 6 ft (1.8 m) w/stop	013660-006
Q5016 inlet tube 10 ft (3.0 m) w/stop	013660-010
Q5016 outlet tube, 1 ft	013628-001
Inlet tube stop plug	013653-001
Differential pressure adaptors (2x)	013655-001
Chamber gasket	013626-001
Locknut, serrated flange	400587-001

ACCESSORIES

Test Lamps



W8066G UV Test Lamp (Spec Sheet: 90-1055) is used for on-site testing of all UV detector types. It replaces W866. Consists of a UV lamp powered by a replaceable 9 volt battery and is contained in a plastic enclosure. "G" in the model indicates the Test Lamp is Kr85 Free.



W867 Explosion-Proof UVIR Test Lamp (Spec Sheet: 90-1055) is used for on-site testing of UV, single frequency IR, or UVIR detectors. Consists of a high-energy broad band lamp powered by rechargeable batteries and is contained in an explosion-proof non-ferrous metallic enclosure.



W8067 Test Lamp (Manual: 95-8626) for on-site testing of the UVIR and single frequency IR detectors.
NON EXPLOSION-PROOF - CANNOT BE USED IN HAZARDOUS LOCATIONS.

W8066 UV Test Lamp

Model/Description	Part Number	FM	CSA	Ship Weight
W8066G1001 Kr85-free	004483-002			1.5 lb (0.7 kg)
W8066G Replacement Bulb	002405-004			<1 lb (<0.45 kg)
Screw-on cap, red for Lens	004520-003			1.5 lb (0.7 kg)
Window, Fused Silica	004648-001			1.5 lb (0.7 kg)
Seal, Pushbutton Boot	102219-001			1.5 lb (0.7 kg)

W867 Explosion-Proof UVIR Test Lamp

Model/Description	Part Number	FM	Ship Weight
W867C3004 Test Lamp 110/220 VAC*	004000-006	X	14 lb (6.2 kg)
Universal Battery Charger for W867 and W8067, 110/220 VAC	009997-002		1 lb (0.4 kg)
Battery Charger, W8673001, 120 VAC	009117-002		1 lb (0.4 kg)
W867 Battery Pack Kit	004611-002		7 lb (3.2 kg)
W867 Bulb Replacement Assembly	010543-001		<1 lb (<0.4 kg)

*Includes Universal Battery Charger

W8067 Test Lamp

Model/Description	Part Number	Ship Weight
W8067S1004	006439-004	2.0 lb (0.95 kg)
Universal Battery Charger for W867 and W8067, 110/220 VAC	009997-002	<1 lb (<0.4 kg)
W8067S Battery, 6V (2 required for 12V operation)	103855-001	<1 lb (<0.4 kg)
W8067S Battery, 12V	103937-001	<1 lb (<0.4 kg)

Laser, Laser Aimer Holder



Laser Aimer is for use with the Q1201A and Q1201C Laser Holder in sighting and testing the area of flame detection coverage. When used with its holder, the laser beam identifies the center and edges of the detector's field of view (FOV). **NEW! Green laser available, for greater visibility. Preferred for most applications.** Includes battery.



Q1201C Laser Aimer Holder (Manual: 95-8596) is for use with X3301, X3302, X5200, X9800, X2200, and X3300 flame detectors. Designed to hold the Laser Aimer to show exact location of the center of the detector's FOV. Two additional holding positions are available for locating the outside edges of the FOV at either 30 degrees off center (75 degrees total FOV) or at 45 degrees off center (90 degrees total FOV). While the Laser Aimer is being used to locate edges of the FOV it can be rotated 360 degrees to identify the entire area of flame detection coverage.



Q1201C Accessory is used with the Q1201C to determine the top aim point of the flame detector when a 10 or 20 degree FOV sight limiter is to be installed.



The **Q1201A Adapter** (Bulletin: 31-1038) is a rubber grommet that allows the use of the Q1201C Laser Holder with Det-Tronics legacy flame detectors such as the C7050, U7679, U7602, C7098, C7052, and C7652. The Q1201A Adapter provides a secure fitment between these legacy detectors and the Q1201C, which allows easy aiming of Det-Tronics legacy flame detectors during system startup, checkout and re-alignments.

Laser, Laser Aimer Holder

Model/Description	Part Number	For Use With	Ship Weight
Red Laser Aimer	006097-001	Q1201A, B, and C	1 lb (0.46 kg)
Green Laser Aimer	006097-002	Q1201A, B, and C	1 lb (0.46 kg)
Battery, 3V Lithium	102871-001	Laser Aimer	<1 lb (<0.46 kg)
Q1201C1001	007255-001	All X-Series	2 lb (0.95 kg)
Q1201 Accessory	012125-001	Q1201C1001 (Provides 10° & 20° field of view)	1 lb (0.46 kg)
Q1201A Adapter	006066-002	Legacy flame detectors	<1lb (<0.46 kg)

Weather Shield, FOV Limiter



Q2000 X-Series Weather Shield provides added weather protection. Epoxy coated aluminum.

Q2000 X-Series Weather Shield

Model	Part Number	Material*	Ship Weight
Q2000A1001	007338-001	AL	1 lb (0.45kg)

*Epoxy coated.



Q2033 Field of View (FOV) Limiter / Weather Shield for the X3301 or X3302

For applications with friendly fires or flares, which require a controlled cone of vision. Order the 10° model for the greatest reduction in field of view, the 20° for standard limitation, or the 30° to maintain the field of view and use as a weather shield.

Q2033 FOV Limiter for X3301 and X3302

Model	Part Number	Material*	Ship Weight
Q2033A10R 10° FOV Limiter for X3301/X3302	007338-010	AL	1 lb (0.45 kg)
Q2033A20R 20° FOV Limiter for X3301/X3302	007338-020	AL	1 lb (0.45 kg)
Q2033A30R 30° FOV Limiter for X3301/X3302	007338-030	AL	1 lb (0.45 kg)
Spare Restrictor Plate 10° FOV	007912-010	AL	<1 lb (<0.45 kg)
Spare Restrictor Plate 20° FOV	007912-020	AL	<1 lb (<0.45 kg)
Spare Restrictor Plate 30° FOV	007912-030	AL	<1 lb (<0.45 kg)

*Epoxy coated.

ACCESSORIES

Flame Detector Hardware



Q1116 Universal Air Shield Assembly (Manual: 95-8597). Use on all X-Series flame detectors in areas with air-borne contaminants. Available in aluminum with a sintered air diffuser. Quick connect air line fitting accepts 1/4 inch OD nylon tubing for instrument grade air supply of 12 to 20 psi at 3 or more cubic feet per minute.

Q1116 Universal Air Shield Assembly

Model	Part Number	Air Connection	Air Supply	Air Requirement	Ship Weight
Q1116A1001	007240-001	1/4" OD nylon tubing	12-20 psi	3 cfm minimum	2 lb (0.9 kg)
N/A	011990-001	Q1116/Q1118 SINTER REPLACEMENT KIT			2 lb (0.9 kg)



Q1118 Universal Air Shield/Flange Mount Assembly (Manual: 95-8595). Use on all X-Series flame detectors in areas with air-borne contaminants. Available in either aluminum or stainless steel with a sintered air diffuser. Quick connect air line fitting accepts 1/4 inch OD nylon tubing for instrument grade air supply of 10 to 20 psi at 3 or more cubic feet per minute.

Q1118 Universal Air Shield / Flange Mount Assembly

Model	Part Number	Material	Air Connection	Air Supply	Air Requirement	Ship Weight
Q1118A1001	007818-001	AL	1/4" OD nylon tubing	10-30 psi	3-20 cfm target	2 lb (0.9 kg)
Q1118S1001	007818-002	SS	1/4" OD nylon tubing	10-30 psi	3-20 cfm target	6 lb (2.75 kg)
N/A	011990-001	Q1116/Q1118 SINTER REPLACEMENT KIT				2 lb (0.9 kg)

NOTE: Not compatible with Q9033



Q1198 Dual Air Shield/Flange Mount Assembly (Manual: 95-8598). Use on X9800 in areas with high levels of powdered air-borne contaminants. Available in Aluminum with a sintered air diffuser. Provided with two quick connect air line fittings - one for constant air flow function and the second for quick clean/purge function. Both fittings accept 1/4 inch OD nylon tubing for instrument grade air supply of 10 to 60 psi at 3 or more cubic feet per minute.

Q1198 Dual Air Shield / Flange Mount Assembly for X9800

Model	Part Number	Material	Air Connection	Air Supply	Air Requirement	Ship Weight
Q1198A1001	009199-001	AL	6mm OD nylon tubing	10-20 psi	3-5 cfm min	2 lb (0.9 kg)

NOTE: Not compatible with Q9033

Flame Detector Mounting Hardware



Q9033A Aluminum Mounting Arm for all aluminum X-Series flame detectors.

NOTE: For use with aluminum detectors only.



Q9033B Stainless steel Mounting Arm for all X-Series flame detectors (DNV approved with X3301).

NOTE: For use with stainless steel and aluminum detectors.



Q9033 Collar Attachment (Manual: 95-8686) for all X-Series flame detectors . Used in conjunction with the Q9033A/B Mounting Arm. The Collar Attachment adds versatility to the mounted detector by allowing a wider (3-dimensional) range of motion and improved viewing angles (DNV approved with X3301).



Q1130 (Manual: 95-8662) Flange mount assembly for X3301 and X3302, allows the detector to be mounted externally to monitor storage or process areas. Not suitable for Zone 0 defined locations.

Flame Detector Mounting Hardware

Model	Part Number	For Use With	Ship Weight
Q9033A1000	007290-002	AL X2200, X5200, X9800, X3301, X3302	6 lb (2.75 kg)
Q9033B1000	007290-001	SS X2200, X5200, X9800, X3301, X3302	14 lb (6.4 kg)
Q9033 Collar Attachment*	011385-001	Q9033A, Q9033B	2.05 lb (0.9 kg)
Q9033 Collar Attachment†	011385-002	Q9033A, Q9033B	2.05 lb (0.9 kg)
Q9033 Spare Lock Washer	103019-002	Q9033A, Q9033B	0.04lb (0.02 kg)
Q9033A Spare M16 Top Screw	400525-018	Q9033A	0.2 lb (0.1 kg)
Q1130A1001	010857-001	X3301, X3302	2.8 lb (1.3 kg)

*Note: Screws that connect collar halves enter from the top

†Note: Screws that connect collar halves enter from the bottom

ACCESSORIES



4-Inch Pipe Mount Bracket and U-Bolt Kit (Specification Sheet 90-1227) This kit is used to install an X-Series flame detector and Q9033 mounting arm to a 4-inch pipe. This kit includes a pipe mount plate, all hardware for installing mounting arm to plate, and U-Bolts and hardware for attaching the pipe mount plate to a 4-Inch pipe. All materials are 316 Stainless Steel.

4-Inch Pipe Mount Bracket and U-Bolt Kit

Model	Part Number	Ship Weight
4" Pipe Mnt Kit, SS, w/ Hardware	000609-026	2.5 lb (1.3 kg)



2-Inch U-Bolt Kit (Specification Sheet 90-1228) This kit is used to install an X-Series flame detector and Q9033 mounting arm to a 2-inch pipe. This kit includes two U-bolts, washers, lock washers, and hex nuts. All materials are 316 Stainless Steel

2-Inch Pipe Mount Bracket and U-Bolt Kit

Model	Part Number	Ship Weight
2" Pipe Mt. U Bolt Kit	000609-035	0.75 lb (0.3 kg)



Sun shade for X-Series Flame Detectors (Specification Sheet 90-1229)The sun shade installs between the wall, pole surface, or pole mount bracket and the Q9033 mounting arm providing the flame detector with protection from the sun and precipitation. Material is 316 Stainless Steel. Detector in photo below is shown installed on a 4-inch pole using the 4-Inch Pipe Mount Bracket and U-Bolt Kit (Part number 000609-026) which is not included with the Sun Shade.

Sun shade for X-Series Flame Detectors

Model	Part Number	Ship Weight
Stainless Steel Sun Shade for X-Series Flame Detector	000003-067	5 lbs. (2.27 kg)

Power Supplies

EQP21XXPS Power Supplies can be used as singular or duplex. The power supply is available in a DIN rail mount or panel mount configuration for ease of mounting. Power supplies should be sized to approximately 50% of the power draw requirement or to local code requirements.

EQP21XX Power Supply

Model	Part Number	Description	Ship Weight
EQP2120PS-B	010988-001*	EQP2120PS-B 20A 120/220V PANEL	3.7 lb (1.7 kg)
EQP2120PS	010988-002	EQP2120PS 20A 120/220V DIN	3.7 lb (1.7 kg)

*For FM approved system

LEGACY SPARE PARTS

Legacy / Miscellaneous Spare and Replacement Parts

Miscellaneous Detector Parts for Regular Maintenance

Part Number	Description	Use With	Ship Weight
001680-001	K1003A1006 6PK Window Cleaner	-	0.5 lb (0.26 kg)
002507-001	K1002A1001 UV window cleaning kit (2 bottles cleaner, 8 o _j rings)	-	0.5 lb (0.26 kg)
002519-001	o _j ring for UV detectors	-	0.5 lb (0.26 kg)
003525-001	o _j ring for IR detectors	-	0.5 lb (0.26 kg)
003996-001	UVIR window cleaning kit (2 bottles cleaner, 4 ea of UVIR o _j rings)	-	0.5 lb (0.26 kg)
107427-004	Viton O-ring (small) for UV and IR sensor housings	2 per housing	0.5 lb (0.26 kg)
107427-040	Viton O-ring	U7698E rear housings	0.5 lb (0.26 kg)
001981-001	Banana jacks for base conversion to plug in sensor module (qty 4 required)	C7050	0.5 lb (0.26 kg)

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Availability and specifications are subject to change without notice.
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ACOUSTIC

Note: Det-Tronics product videos can be found at: www.YouTube.com/@DetTronicsUSA/videos

FlexSonic® Acoustic Detector



The **FlexSonic® Acoustic Detector – comprised of the AC100 Acoustic Sensor and the ATX10 Acoustic Transmitter** (Spec Sheet: 90-1208) is designed to recognize the unique frequency content of events such as gas leaks. When a pressurized gas leak occurs, the frequency content of the sound being generated extends beyond the audible portion of the spectrum into the ultrasonic region (above 20 kHz). The intensity of the sound generated by a leak is determined by several factors including pressure differential, leak rate, gas viscosity, and distance from the leak source.

Acoustic detection is less susceptible to environmental factors (such as high winds) that can degrade the ability of traditional sensing technology based on gas concentration to detect the presence of a leak. When combined with line-of-sight and/or point gas detectors, the additional layer of protection provided by the FlexSonic Acoustic Detector offers the ultimate solution for gas leak detection.

- Analyzes 24 discrete ultrasonic bands
- Nearly instantaneous response
- Non-contact gas leak detection
- 4-20 mA output combined with HART
- Extensive data logging with removable storage that records the acoustic spectrum
- Superior false alarm discrimination with patented technology
- **Ideally suited for locations where traditional technologies are challenged, such as outdoor and unmanned operations**
- Large detection coverage area
- FM, CSA, ATEX, and IECEX
- Certified SIL 2 Capable for all gas types
- Globally approved Explosion-proof 316 stainless steel housing
- Integrated Acoustic Integrity Check (AIC)
- No routine calibration required
- Not affected by poisoning

FlexSonic AC100/ATX10 Kits

Part Number	Description	Consists of:	SIL/FM/CSA/ ATEX/IECEX	SIL/ INMETRO	SIL/ RUSSIA
012152-001	AC100/ATX Kit, 3/4" NPT	AC100SNT2 ATX10S5N26T	X		
012153-001	AC100/ATX Kit, M25	AC100SMT2 ATX10S5M26T	X		
012152-601	AC100/ATX Kit, 3/4" NPT	AC100SNSB2 ATX10S5N26SB		X	
012153-601	AC100/ATX Kit, M25	AC100SMSB2 ATX10S5M26SB		X	
012153-901	AC100/ATX Kit, M25	AC100MSR2 ATX10S5M26SR			X
Ship Weight: 18 lb (8.2 kg)					

Kit includes individually packaged AC100 and ATX10.

Typical FlexSonic Customer Proposal

Qty	Model	Part Number	Description
1	AC100/ATX10 KIT, M25	012153-001	Consists of AC100SMT2 and ATX10S5M26T

Spare Parts

Qty	Model	Part Number	Description
1	N/A	104155-001	Micro SDHC Card, 4GB Industrial Temperature Rating
1	N/A	009700-001	Magnetic Tool

Accessories

Qty	Part Number	Description
1	104218-001	35mm Socket for use with M25 model
1	012401-001	Acoustic Configurator Package
2	101197-003	Stop Plug, M25, SS, IP66

FlexSonic AC100 Model Matrix

MODEL	DESCRIPTION	
AC100	Acoustic Sensor	
	TYPE	MATERIAL
	S	Stainless Steel
	TYPE	THREAD TYPE
	N	3/4" NPT
	M	M25
	TYPE	APPROVALS*
	B	INMETRO (BRAZIL)
	S	SIL
	T	SIL/FM/CSA/ATEX/IECEX
	TYPE	CLASSIFICATION
	2	Division/Zone Ex d

*Type Approvals can use one or more letters to designate the approvals of the product.

FlexSonic AC100 Acoustic Sensor

Model	Part Number	Threads	Ex d	SIL/FM/CSA/ ATEX/IECEX	SIL/ INMETRO	SIL/ RUSSIA
AC100SNT2	010567-003	3/4" NPT	X	X		
AC100SMT2	010567-004	M25	X	X		
AC100SNSB2	010567-603	3/4" NPT	X		X	
AC100SMSB2	010567-604	M25	X		X	
AC100MSR2	010567-904	M25	X			X
Ship Weight: 6.2 lb (2.8 kg)						

NOTE: Above part numbers do not include foam insert.

AC100 Spare Parts

Part Number	Description	Ship Weight
011355-001	Foam Insert	<1lb (<0.45 kg)

AC100 Accessories

Part Number	Description	Ship Weight
104218-001	35mm Socket for use with M25 model	1.8 lb (<0.8 kg)
226365-601	STB7A5YW, AL, M25	2.2 lb (1.0 kg)
226365-602	STB7A5NW, AL, 3/4 NPT	2.2 lb (1.0 kg)
226365-603	STB7S5YW, SS, M25	3.0 lb (1.4 kg)
226365-604	STB7S5NW, SS, 3/4 NPT	3.0 lb (1.4 kg)
226365-606	STB7A5NB ,AL, 3/4, INMETRO	2.2 lb (1.0 kg)
226365-607	STB7S5NB, SS, 3/4, INMETRO	3.0 lb (1.4 kg)
226365-963	STB7S5YR,SS,M25,RUSSIA	3.0 lb (1.4 kg)

ACOUSTIC

FlexSonic ATX10 Model Matrix

MODEL	DESCRIPTION
ATX10	AC100 Transmitter
	TYPE MATERIAL
	S Stainless Steel
	TYPE # OF OPEN PORTS
	5 5 Port
	TYPE THREAD TYPE
	N 3/4" NPT
	M M25
	TYPE OUTPUT
	26 4-20 mA w/HART Protocol
	TYPE APPROVALS*
	B INMETRO (BRAZIL)
	S SIL
	T SIL/FM/CSA/ATEX/IECEX

*Type Approvals can use one or more letters to designate the approvals of the product.

FlexSonic ATX10 Transmitter for AC100

Model	Part Number	Threads	4-20 RS485 HART	Ex d	SIL/FM/CSA/ATEX/IECEX	SIL/INMETRO	SIL/RUSSIA
ATX10S5N26T	011942-001	3/4 NPT	X	X	X		
ATX10S5M26T	011942-002	M25	X	X	X		
ATX10S5N26SB	011942-601	3/4 NPT	X	X		X	
ATX10S5M26SB	011942-602	M25	X	X		X	
ATX10S5M26SR	011942-902	M25	X	X			X
Ship Weight: 11.5 lb (5.2 kg)							

ATX10 Spare Parts

Part Number	Description	Ship Weight
010969-001	ATX10 Replacement Module	1 lb (0.45 kg)
011365-102	ATX10 Memory Module Assembly (SD Card not included)	1 lb (0.45 kg)
104155-001	Micro SDHC Card, 4G, Industrial Temperature Rating	<1lb (<0.45kg)
103028-027	Plug, 5mm, 4 Position - P1	<1lb (<0.45kg)
103028-028	Plug, 5mm, 5 Position - J3	<1lb (<0.45kg)

ATX10 Accessories

Part Number	Description	Ship Weight
012400-001	Acoustic Inspector Package	<1lb (<0.45kg)
012401-001	Acoustic Configurator Package	<1lb (<0.45kg)
012402-001	W6300G1004 Acoustic Software Connector (software not included)	1 lb (0.45 kg)
009700-001	Magnetic Tool	<1lb (<0.45kg)
104218-001	35mm Socket for use with M25 model	1.8 lb (<0.8 kg)

Stop Plugs

Part Number	Description	Ship Weight
101197-004*	Stop Plug, 3/4" NPT, SS	<1 lb (<0.45 kg)
101197-003	Stop Plug, M25, SS, IP66	<1 lb (<0.45 kg)

*Type 4X/IP66 rating requires Teflon tape.

INFRARED

PointWatch Eclipse® PIRECL Infrared Hydrocarbon Gas Detector



The **PointWatch Eclipse PIRECL Hydrocarbon Detector** (Spec Sheet: 90-1138) is our most rugged stainless steel, point infrared gas detector providing detection of methane, propane, butane and ethylene, among other flammable hydrocarbon gases in the LFL range. Standard signal outputs include isolated 4-20 mA, HART communication protocol, and RS-485 serial communication supporting Modbus. An Eagle Quantum Premier (EQP) version, and optional 2-alarm plus 1-fault relay package are also available. A tri-color LED provides visual display of operating status. The weather baffle provides excellent optics protection with an easy twist-lock removal. Additional features include:

- Compliance to ANSI/ISA-12.13-.1:2013 performance standard
- Performance certified to ATEX EN60079-29-1, FM 6320, and CSA 22.2 #152
- Eagle Quantum Premier model
- **Models available with SIL 2 certification**
- Internal wiring compartment saves money and time spent on installation
- Heated optics
- Non-intrusive calibration
- Immune to poisoning
- Handheld communicator capability
- FDT/DTM capable
- Ex d, e, ib protection designs
- FM, CSA, ATEX, and IECEx hazardous location certifications
- DNV Type Approval and MED offshore certifications
- Conforms to global life safety requirements for combustible gas when connected through:
Internal relays, EQP Controller, FlexVu UD10, UD10-DCU,
EQ3710 Analog Input Module (AIM)
- Remote calibration capability using UD10 or model PIRTB junction box
- **Sample draw and duct mount accessories available**
- LON configurations are certified as NFPA 72 Class X devices
- Fast response output options available

#1 SELLING DET-TRONICS PRODUCT!

PIRECL Model Matrix

MODEL	DESCRIPTION	
PIRECL	PointWatch Eclipse Point Infrared Gas Detector	
	TYPE	THREAD TYPE
	A	3/4" NPT
	B	Metric M25
		OUTPUT AND MEASUREMENT OPTIONS
	11*	4-20 mA with HART Protocol and RS-485: 0-100% LFL Full Scale Range, FAST RESPONSE
	14*	Eagle Quantum Premier Compatible Only: 0-100% LFL Full Scale Range, FAST RESPONSE
		OPTIONAL OUTPUTS
	A	HART Communication Port
	B	HART Communication Port and Relay Board (not compatible with EQP) Ex d only
	D	No Optional Outputs
	E	Relay Board (not compatible with EQP) Ex d only
		WEATHER PROTECTION
	1	Weather Baffle with Hydrophobic filter
	2	Weather Baffle without Hydrophobic filter
	3	Weather Baffle with Hydrophobic filter and 1/16" threaded calibration port
	5	No Weather Protection installed
		APPROVALS†
	B	INMETRO (BRAZIL)
	BT	SIL/INMETRO (BRAZIL)
	S	SIL
	T	SIL/FM/CSA/ATEX/IECEX
	Y	CCCF (CHINA)
		CLASSIFICATION
	1	Division/Zone Ex d e
	2	Division/Zone Ex d

*FAST RESPONSE Outputs only available with "T" Approval

†Type Approvals can use one or more letters to designate the approvals of the product.

Typical PIRECL Customer Proposal

Qty	Model	Part Number	Description
1	PIRECLA11B1T2	014046-205	3/4 NPT, 4-20 mA, w/relays, w/hydrophobic filter, SIL/FM/CSA/ATEX/IECEX approvals

Spare Parts

Qty	Model	Part Number	Description
1	N/A	007165-002	**Weather baffle with standard inlet nozzle w/hydrophobic filter
1	NA	009862-001	PIRECL Module, 4-20 mA, Standard Response
1	NA	009862-001P	PIRECL Module, 4-20 mA, Standard Response, Propane Calibration
1	NA	009862-002	PIRECL Module, LON, Standard Response
1	NA	009862-003	PIRECL Module, 4-20 mA, SIL, Standard Response
1	NA	009862-004	PIRECL Module, LON, SIL, Standard Response
1	NA	009862-005	PIRECL Module, 4-20 mA, SIL, Fast Response
1	NA	009862-006	PIRECL Module, LON, SIL, Fast Response

*For PIRECL Module installation instructions, refer to document 95-8707.

**The standard inlet nozzle can be removed to allow installation of 1/16" NPT fittings.



PIRECL Weather Baffle
007165-002



PIRECL Module

PIRECL & UD10 - HART Compatibility

	UD10 - HART 5	UD10 - HART 7
PIRECL - HART 5	YES	YES
PIRECL - HART 7	LIMITED*	YES

*Reference Technical Bulletin 76-1059 for details

INFRARED

PIRECL PointWatch Eclipse Models - SIL/FM/CSA/ATEX/IECEX

Model	Part Number*	Threads	Output	HART Port	Relays	Weather Protection†	Div/Zone Ex d e	Div/Zone Ex d	Color/ Calibration
PIRECLA11A1T1	014046-201	3/4 NPT	4-20 mA	X	No	w/ hydrophobic	X		
PIRECLA11A1T2	014046-241	3/4 NPT	4-20 mA	X	No	w/ hydrophobic		X	
PIRECLA11B1T2	014046-205	3/4 NPT	4-20 mA	X	Yes	w/ hydrophobic		X	
PIRECLA11A3T1	014046-210	3/4 NPT	4-20 mA	X	No	1/16 NPT w/hydro	X		
PIRECLA11A3T2	014046-242	3/4 NPT	4-20 mA	X	No	1/16 NPT w/hydro		X	
PIRECLA14A1T1	014046-212	3/4 NPT	EQP	X	No	w/ hydrophobic	X		
PIRECLA14A1T2	014046-243	3/4 NPT	EQP	X	No	w/ hydrophobic		X	
PIRECLA14A3T1	014046-216	3/4 NPT	EQP	X	No	1/16 NPT w/hydro	X		
PIRECLA14A3T2	014046-244	3/4 NPT	EQP	X	No	1/16 NPT w/hydro		X	
PIRECLB11A1T1	014046-202	M25	4-20 mA	X	No	w/ hydrophobic	X		
PIRECLB11A1T2	014046-245	M25	4-20 mA	X	No	w/ hydrophobic		X	
PIRECLB11B1T2	014046-206	M25	4-20 mA	X	Yes	w/ hydrophobic		X	
PIRECLB11A3T1	014046-240	M25	4-20 mA	X	No	1/16 NPT w/hydro	X		
PIRECLB11A3T2	014046-246	M25	4-20 mA	X	No	1/16 NPT w/hydro		X	
PIRECLB14A1T1	014046-213	M25	EQP	X	No	w/ hydrophobic	X		
PIRECLB14A1T2	014046-247	M25	EQP	X	No	w/ hydrophobic		X	
PIRECLB14A3T1	014046-217	M25	EQP	X	No	1/16 NPT w/hydro	X		
PIRECLB14A3T2	014046-248	M25	EQP	X	No	1/16 NPT w/hydro		X	
PIRECLA11D1T1	014048-201	3/4 NPT	4-20 mA		No	w/ hydrophobic	X		
PIRECLA11D1T2	014048-241	3/4 NPT	4-20 mA		No	w/ hydrophobic		X	
PIRECLA11D1T2	014048-241E	3/4 NPT	4-20 mA		No	w/ hydrophobic		X	Ethylene
PIRECLA11E1T2	014048-205	3/4 NPT	4-20 mA		Yes	w/ hydrophobic		X	
PIRECLA11D3T1	014048-210	3/4 NPT	4-20 mA		No	1/16 NPT w/hydro	X		
PIRECLA11D3T2	014048-242	3/4 NPT	4-20 mA		No	1/16 NPT w/hydro		X	
PIRECLA14D1T1	014048-212	3/4 NPT	EQP		No	w/ hydrophobic	X		
PIRECLA14D1T2	014048-243	3/4 NPT	EQP		No	w/ hydrophobic		X	
PIRECLA14D3T1	014048-216	3/4 NPT	EQP		No	1/16 NPT w/hydro	X		
PIRECLA14D3T2	014048-244	3/4 NPT	EQP		No	1/16 NPT w/hydro		X	
PIRECLB11D1T1	014048-202	M25	4-20 mA		No	w/ hydrophobic	X		
PIRECLB11D1T2	014048-245	M25	4-20 mA		No	w/ hydrophobic		X	
PIRECLB11E1T2	014048-206	M25	4-20 mA		Yes	w/ hydrophobic		X	
PIRECLB11D1T2	014048-245-LG	M25	4-20 mA		No	w/ hydrophobic		x	Light Gray
PIRECLB11D3T1	014048-240	M25	4-20 mA		No	1/16 NPT w/hydro	X		
PIRECLB11D3T2	014048-246	M25	4-20 mA		No	1/16 NPT w/hydro		X	
PIRECLB14D1T1	014048-213	M25	EQP		No	w/ hydrophobic	X		
PIRECLB14D1T2	014048-247	M25	EQP		No	w/ hydrophobic		X	
PIRECLB14D3T1	014048-217	M25	EQP		No	1/16 NPT w/hydro	X		
PIRECLB14D3T2	014048-248	M25	EQP		No	1/16 NPT w/hydro		X	

Ship Weight: 11.5lb (5.2kg)

*Part numbers listed are factory calibrated to methane. Add a "P" to the end of the part number for propane (example: 014046-201P). Add "E" for ethylene or "B" for butane.

†Units with 1/16 NPT are 007529-XXX Duct Kit compatible

PIRECL PointWatch Eclipse Models - INMETRO (Brazil)

Model	Part Number*	Threads	Output	Hart Port	Relays	Weather Protection	Ex d	SIL
PIRECLA11B1BT2	014046-605	3/4 NPT	4-20 mA	X	X	w/ hydrophobic	X	X
PIRECLA11A1BT2	014046-641	3/4 NPT	4-20 mA	X		w/ hydrophobic	X	X
PIRECLA11D1BT2	014048-641	3/4 NPT	4-20 mA			w/ hydrophobic	X	X
PIRECLA14A1BT2	014046-643	3/4 NPT	EQP	X		w/ hydrophobic	X	X
PIRECLA14A3BT2	014046-644	3/4 NPT	EQP	X		w/ hydrophobic	X	X
PIRECLA14D1BT2	014048-643	3/4 NPT	EQP			w/ hydrophobic	X	X
Ship Weight: 11.5 lb (5.2 kg)								

*Part numbers listed are factory calibrated to Methane. Add a "P" to the end of the part number for propane (example: 014046-605P).

Add "E" for ethylene or "B" for butane.

PIRECL PointWatch Eclipse Models - CCCF/NEPSI (China)

China approval of the PIRECL Fast Response is in process. Contact the factory for options on future orders.

PIRECL Accessories and Sample Draw



The **AMS TREX Device Communicator** is available from Det-Tronics. The intrinsically safe AMS TREX Communicator enable connection to the PIRECL via the onboard optional HART port connection. Features include a 5.7 inch (14.5 cm) resistive touchscreen display, loop power to power a device, and loop diagnostics.



The **Remote HART Port Kit and Remote HART cable kit** (Manual: 95-8553) are used with the Model PIRECL PointWatch Eclipse IR gas detector to provide access to the Eclipse's optional onboard, intrinsically-safe HART port for a distance up to 20 meters. Cable set is 20 meter long, 2-core, shielded 20 AWG conductors with overall PVC-jacket, and is IEC332 approved.



The standard factory-installed **Weather Baffle** (Spec Sheet: 90-1155) for the PIRECL Eclipse comes with a 3/16" (4.8 mm) barb fitted inlet tube. A special replacement weather baffle is available with a 1/16" FNPT, internally-threaded calibration gas opening. It enables users to install a threaded compression fitting (not supplied) into the baffle for use with plastic or metal tubing, and is 007529-XXX Direct Duct compatible.



The **Q300A Sample Draw Cup** (Manual: 95-8706) enables the Model PIRECL Eclipse to function within a gas sampling system. It consists of an outer cup assembly with stainless-steel, inlet/outlet compression fittings for 0.25 inch diameter tubing, a special inner baffle assembly with external-threaded extension, and silicon gaskets to ensure proper cup assembly seal is provided.

INFRARED

AMS TREX Device Communicator

Part Number	Description	Ship Weight
103922-003*	AMS TREX Device Communicator	7.5 lb (3.4 kg)

*Discount does not apply.

Remote HART Replicator Kits for use with PIRECL

Part Number	Description	Ship Weight
000118-010	Remote HART Port Kit, includes 20 meter prefab cable set	7.5 lb (3.4 kg)
000118-020*	Remote HART Cable Kit, includes 20 meter prefab cable set	7.5 lb (3.4 kg)

*Kit requires the use of a Communicator-to-Cable Connector (p/n 000118-021) for connection to the HART field communicator.

Spare Parts for HART Port Replicator Kit

Part Number	Description	Ship Weight
000118-011	Cordset, 20 meters intrinsically safe cable with prefab connectors	6 lb (2.7 kg)
000118-012	Stainless steel adapter for PIRECL HART connector	<1 lb (<0.45 kg)
000118-013	HART port connector box, IP67 rated, w/stainless connectors	<1 lb (<0.45 kg)
000118-016	SS Cap, Male	<1 lb (<0.45 kg)
000118-021*	Extension cordset, TREX Communicator to 000118-011	1 lb (0.45 kg)

*Qty 1 required per each TREX Communicator.

PIRECL Weather Baffles

Part Number	Description	Ship Weight
007165-002*	Weatherbaffle with std inlet nozzle, w/hydrophobic filter (standard)	<1 lb (<0.45 kg)
007165-005	Weatherbaffle w/ 7/16-20 ext threads	<1 lb (<0.45 kg)

*Inlet nozzle is removeable to provide a 1/16" FNPT inlet.

PIRECL Sample Draw Cup

Part Number	Description	Ship Weight
012200-001	Q300A Sample Draw Cup for PIRECL (not included), 1/4" fitting	8 oz (0.23 kg)

PIRECL Miscellaneous Parts

Part Number	Description	Ship Weight
006682-002	PIRECL windshield calibration bag	<1 lb (<0.45 kg)
009192-001	Cover, calibration nozzle, tethered, clear*	<1 lb (<0.45 kg)
102740-002	Calibration magnet†	<1 lb (<0.45 kg)
007145-101	Relay Board	<1 lb (<0.45 kg)
107427-040	O-ring, 3.75" I.D., j-box cover	<1 lb (<0.45 kg)
107427-052	O-ring, 2.43" I.D., weathershield	<1 lb (<0.45 kg)
107427-053	O-ring, 3.25" I.D., front flange (internal)	<1 lb (<0.45 kg)

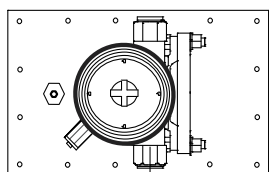
*Replaces discontinued calibration cap p/n's 102823-001 and 103035-001

†Calibration magnet is provided on the order with a PIRECL

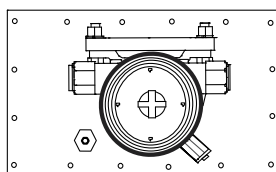
Duct-Mounting Kits for PointWatch Eclipse Model PIRECL



The **Direct Duct Mount Assembly** (p/n 007525-XXX series) (Spec Sheet: 90-1151) is FM approved for use with PointWatch Eclipse model PIRECL to be installed directly within air handling ductwork. The assembly is mounted on the duct wall, with the PIRECL sensing chamber exposed directly to duct airflow, ensuring fast response to Methane. A built-in calibration gas nozzle with an external, self-sealing fitting enables testing and calibration without removal of the detector from the duct. Not recommended for applications where duct air temperatures can exceed 167 °F (75 °C). Price includes all necessary hardware for proper operation, but does not include the PointWatch Eclipse PIRECL gas detector. A factory pre-assembled Direct Duct Mount Kit is available (p/n 007529-XXX series) that provides a PIRECL detector prefit into the Direct Duct Mount kit assembly. Pricing for the 007529-XXX assembly includes the PIRECL gas detector. The Direct Duct Mount Assembly complies to the ANSI/ISA-12.13.01-2000 performance standards.



Vertical Mount



Horizontal Mount

Direct Duct Mount Kits (PIRECL not included)

Part Number	Mount	Material	Ship Weight
007525-003	Vertical	316 SS	3.5 lb (1.6 kg)
007525-004	Vertical	Aluminum	1 lb (0.46 kg)
007525-005	Horizontal	316 SS	3.5 lb (1.6 kg)
007525-006	Horizontal	Aluminum	1 lb (0.46 kg)

*Use PIRECL with standard baffle.

Direct Duct Mount Assemblies

Part Number	Mount	PIRECL Model	PIRECL Output	Hart Port	Material
014101-410	Vertical	PIRECLA11D3T1	4-20 mA	X	316 SS
014101-440	Vertical	PIRECLB11D3T1	4-20 mA	X	316 SS
014101-416	Vertical	PIRECLA14D3T1	EQP	X	316 SS
014101-417	Vertical	PIRECLB14D3T1	EQP	X	316 SS
Ship Weight 15 lb (6.8 kg)					

INFRARED



The **Model Q900 Duct Mount Kit** (Spec Sheet: 90-1152) is FM approved for use with PointWatch Eclipse model PIRECL to detect combustible hydrocarbon gases within air handling ductwork. The Q900 is mounted to the exterior (top or side) of the duct wall and utilizes a duct inlet / outlet tube arrangement that provides cross-duct air sampling without the need for vacuum pumps or aspirators. The Duct Mount Kit is ideal for high temperature applications, and high temperature flexible teflon tubes are provided to enable easy access to optics for inspection purposes. Price includes all necessary hardware for proper operation, but does not include the PIRECL gas detector. One duct air inlet tube and one outlet tube are furnished with each Q900 kit. The Q900 Duct Mount Kit complies to the ANSI/ISA-12.13.01-2000 performance standards.

NOTE: The Direct Duct Mount and Q900 Duct Mount Accessories are third-party performance approved by FM.

Model Q900 Duct Mount Kit (PIRECL not included)

Part Number	Description	Inlet tube Length	Ship Weight lb (kg)	
007355-002	Q900A1001-1 DUCT MT KIT	1FT INLET TUBE INCLUDED	7.5	(3.4)
007355-003	Q900A1001-3 DUCT MT KIT	3FT INLET TUBE INCLUDED	8	(3.6)
007355-004	Q900A1001-6 DUCT MT KIT	6FT INLET TUBE INCLUDED	10	(4.5)
007355-005	Q900A1001-10 DUCT MT KIT	10FT INLET TUBE INCLUDED	13	(5.9)
007355-006	Q900A1001-13 DUCT MT KIT	13FT INLET TUBE INCLUDED	16	(7.3)
007355-902	*Q900A1001-R-1 DUCT MT KIT	1FT INLET TUBE INCLUDED	7.5	(3.4)
007355-903	*Q900A1001-R-3 DUCT MT KIT	3FT INLET TUBE INCLUDED	8	(3.6)
007355-904	*Q900A1001-R-6 DUCT MT KIT	6FT INLET TUBE INCLUDED	10	(4.5)
007355-905	*Q900A1001-R-10 DUCT MT KIT	10FT INLET TUBE INCLUDED	13	(5.9)
007355-906	*Q900A1001-R-13 DUCT MT KIT	13FT INLET TUBE INCLUDED	16	(7.3)

*Russian model

Model Q900 Duct Mount Kit for Marine Applications-Stainless Steel (PIRECL not included)

Part Number	Description	Inlet tube Length	Ship Weight lb (kg)	
009931-002	Q900C1001-1 DUCT MNT KIT	1FT INLET TUBE INCLUDED	27.5	(12.5)
009931-003	Q900C1001-3 DUCT MNT KIT	3FT INLET TUBE INCLUDED	28	(12.7)
009931-004	Q900C1001-6 DUCT MNT KIT	6FT INLET TUBE INCLUDED	30	(13.6)
009931-005	Q900C1001-10 DUCT MNT KIT	10FT INLET TUBE INCLUDED	33	(15.0)
009931-006	Q900C1001-13 DUCT MNT KIT	13FT INLET TUBE INCLUDED	36	(16.3)
009931-902	*Q900C1001-R-1 DUCT MNT KIT	1FT INLET TUBE INCLUDED	27.5	(12.5)
009931-903	*Q900C1001-R-3 DUCT MNT KIT	3FT INLET TUBE INCLUDED	28	(12.7)
009931-904	*Q900C1001-R-6 DUCT MNT KIT	6FT INLET TUBE INCLUDED	30	(13.6)
009931-905	*Q900C1001-R-10 DUCT MNT KIT	10FT INLET TUBE INCLUDED	33	(15.0)
009931-906	*Q900C1001-R-13 DUCT MNT KIT	13FT INLET TUBE INCLUDED	36	(16.3)

*Russian model

Model Q900 Spare Parts

Part Number	Description	Length	Material	Ship Weight
000214-281	Inlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
000214-282	Inlet Tube	3 ft (0.9 m)	316 SS	1 lb (0.45 kg)
000214-283	Inlet Tube	6 ft (1.8 m)	316 SS	3 lb (1.35 kg)
000214-284	Inlet Tube	10 ft (3.1 m)	316 SS	6 lb (2.4 kg)
000214-285	Inlet Tube	13 ft (4 m)	316 SS	9 lb (4.0 kg)
000214-419	Inlet Tube	15 ft (4.6 m)	316 SS	11 lb (5.0 kg)
000214-280	Outlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
102359-001	Stopper Plug	N/A	Rubber	< 1 lb (<0.45 kg)
010283-001	Sample Cup	N/A	N/A	1lb (0.46kg)

INFRARED

FlexVu® UD10 Universal Display (for Infrared)



FlexVu UD10 Universal Display (Spec Sheet: 90-1200) is recommended for applications where a gas detector with digital read-out of detected gas levels are required. The FlexVu UD10 Universal Display Unit is designed for use with various Det-Tronics infrared gas sensor/transmitters such as PIRECL, PIR9400, PIRDUCT, or LS2000. The display unit is designed and approved as a stand-alone controller when connected to a certified gas detector and performs all the functions of a gas controller.

- Compliance to ANSI/ISA-12.13.01-2013 performance standard
- Performance certified to FM 6320, CSA 22.2 #152, ATEX EN60079-29-1
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- Eagle Quantum Premier model
- **Universal design supports a variety of Det-Tronics sensors/detectors**
- Non-intrusive menu allows device configuration and calibration without de-classifying the hazardous area
- **Continuously displays gas level, gas type, and units measured**
- Data logger for event time and date stamping
- Heated and backlit display
- Relay, modbus, and linear isolated/non-isolated 4-20 mA output with HART, **configurable 4-20 mA output loop monitoring**
- FDT/DTM capable
- IP66 rated

FlexVu UD10 Model Matrix

MODEL	DESCRIPTION
UD10	Universal Display Unit
TYPE	MATERIAL
A	Aluminum
S	Stainless Steel (316)
TYPE	THREAD TYPE
5M	5 Port, Metric M25
5N	5 Port, 3/4" NPT
TYPE	OUTPUTS
25	Relay, 4-20mA, RS485, HART
28	EQP / DCU Emulator
TYPE	APPROVALS
B	INMETRO (BRAZIL)
S	SIL
T	SIL/FM/CSA/ATEX/IECEX
W	FM/CSA/ATEX/IECEX
TYPE	CLASSIFICATION (Div/Zone)
2	Ex d (Flameproof)

Type Approvals can use one or more letters to designate the approvals of the product.

FlexVu UD10 Universal Display - Infrared - FM/CSA/ATEX/IECEX

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP- DCU Emulator	SIL 2
UD10A5M25T2	010765-001	AL	M25	X		X
UD10A5N25T2	010765-002	AL	3/4 NPT	X		X
UD10S5M25T2	010765-003	316 SS	M25	X		X
UD10S5N25T2	010765-004	316 SS	3/4 NPT	X		X
UD10A5M28W2	010765-005	AL	M25		X	
UD10A5N28W2	010765-006	AL	3/4 NPT		X	
UD10S5M28W2	010765-007	316 SS	M25		X	
UD10S5N28W2	010765-008	316 SS	3/4 NPT		X	
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

FlexVu UD10 Universal Display - Infrared - INMETRO (Brazil)

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP- DCU Emulator	SIL 2
UD10A5M25SB2	010765-081	AL	M25	X		X
UD10A5N25SB2	010765-082	AL	3/4 NPT	X		X
UD10S5M25SB2	010765-083	316 SS	M25	X		X
UD10S5N25SB2	010765-084	316 SS	3/4 NPT	X		X
UD10A5M28B2	010765-085	AL	M25		X	
UD10A5N28B2	010765-086	AL	3/4 NPT		X	
UD10S5M28B2	010765-087	316 SS	M25		X	
UD10S5N28B2	010765-088	316 SS	3/4 NPT		X	
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

INFRARED

FlexVu UD10 Spare Modules

Part Number	Description	Output	Ship Weight
010569-001	UD10 Display Module	Relay/4-20mA	1 lb (0.45 kg)
010535-001	UD10 Display Module	EQP-DCU	1 lb (0.45 kg)

FlexVu UD10 Miscellaneous Spare Parts

Part Number	Description	Ship Weight
010973-001	UD10/CGS REPLACEMENT BOARD	<1 lb (<0.45 kg)
011919-001	UD10/NTMOS REPLACEMENT BOARD	<1 lb (<0.45 kg)
107427-040	3.75" O-RING, UD10 COVER, FKM, BROWN	<1lb (<0.45 kg)
107427-079	3.75" O-RING, UD10 COVER, FVMQ, BLUE	<1lb (<0.45 kg)

FlexVu UD10 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
014019-001	Gas Inspector 11 CD	<1 lb (0.45 kg)
014020-001	W6300G1006 Gas Inspector 11 Kit (includes CD)	1 lb (0.45 kg)
102988-002	Plug, 5.0mm, 6 Position - P2	<1 lb (0.45 kg)
102988-026	Plug, 5.0mm, 3 Position - P1 (J10, CGS)	<1 lb (0.45 kg)
102988-028	Plug, 5.0mm, 5 Position - (J3, CGS)	<1 lb (0.45 kg)
103726-002	Plug, 3.5mm, 3 Position - J2	<1 lb (0.45 kg)
103726-004	Plug, 3.5mm, 5 Position - J3	<1 lb (0.45 kg)
103726-011	Plug, 3.5mm, 12 Position - J4	<1 lb (0.45 kg)
000609-033	2" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	<1 lb (0.45 kg)
000609-034	4" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	2.5 lb (1.3 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer

FlexVu UD10 Universal Display Repair / Upgrade Kit



FlexVu® UD10 Universal Display Repair / Upgrade Kit

For information on all products related to UD10 Repair/Upgrade Kits, refer to **Gas E.5**.

INFRARED

Model PIRTB PointWatch Termination Box



- Use for stand-alone PointWatch Model PIR9400
- Use with PIRECL Eclipse or PIR9400 when remote calibration initiation is required
- Magnetic reed switch calibration and LED gives calibration feedback
- Tall cover boxes with window enable one person, non-intrusive calibration
- Short cover boxes without window require two people to accomplish non-intrusive calibration

PIRTB Junction Box Model Matrix (for use with PIRECL and PIR9400)

MODEL	DESCRIPTION	
PIRTB	PointWatch Termination Box	
	TYPE	MATERIAL
	A	Aluminum
	S	Stainless Steel
	TYPE	# OF OPEN PORTS
	2	2 Port
	5	5 Port
	TYPE	THREAD TYPE
	L	Metric M25
	N	3/4" NPT
	M	Metric M20/M25
	TYPE	APPROVALS
	W	FM/CSA/ATEX/IECEX
	TYPE	COVER TYPE
	1	Short without window
	3	Tall with window
	TYPE	CABLE ENTRIES
	I	Ports 2 and 6 open (aluminum only)
	L	Ports 2 and 4 open
	V	Ports 2 thru 6 open

Model PIRTB PointWatch Termination Boxes - short cover

Model	Part Number	Material	Threads	FM/CSA/ATEX/IECEX	Ports
PIRTBA2NW1L	006414-001	AL	3/4 NPT	X	2
PIRTBA2MW1L	006414-002	AL	M20/25	X	2
PIRTBS2NW1L	006414-007	SS	3/4 NPT	X	2
PIRTBA2NW1I	006414-009	AL	3/4 NPT	X	2
PIRTBA5NW1V	006414-016	AL	3/4 NPT	X	5
PIRTBS5NW1V	006414-017	SS	3/4 NPT	X	5
PIRTBA5LW1V	006414-018	AL	M25	X	5
PIRTBS5LW1V	006414-019	SS	M25	X	5
Ship Weight: Aluminum = 2 lb (0.95 kg) Stainless Steel = 9 lb (4.1 kg)					

Model PIRTB PointWatch Termination Boxes - tall cover

Model	Part Number	Material	Threads	FM/CSA/ATEX/IECEX	Ports
PIRTBA2NW3L	006414-003	AL	3/4 NPT	X	2
PIRTBA2MW3L	006414-004	AL	M20/25	X	2
PIRTBS2NW3L	006414-014	SS	3/4 NPT	X	2
PIRTBA5NW3V	006414-020	AL	3/4 NPT	X	5
PIRTBS5NW3V	006414-021	SS	3/4 NPT	X	5
PIRTBA5LW3V	006414-022	AL	M25	X	5
PIRTBS5LW3V	006414-023	SS	M25	X	5
Ship Weight: Aluminum = 2.2 lb (1kg) Stainless Steel = 9.5 lb (4.3 kg)					

INFRARED

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer

PIRECL, PIR9400, and PIRDUCT Certified Calibration Kits



PIRECL, PIR9400, and PIRDUCT Certified Calibration Kits (Spec Sheet: 90-1214) are high accuracy compressed gas calibration kits provided for field calibration of all PointWatch IR detectors. Each kit includes:

- Two 3.6 ft³ (103 liters) cylinders of Class 2.2 non-flammable, non-toxic compressed gas
- A 2.5 liter/minute regulator and pressure indicator
- 3-foot tube
- Sturdy plastic carrying case



The Windshield Calibration Bag enables calibration to be performed in abnormally high wind conditions. The bag is slipped over the gas detector and secured with a Velcro sealing strap. Gas is applied to the detector through the calibration nozzle on the end of the detector.

NOTE: PointWatch PIR9400, and PointWatch Eclipse each require their own unique calibration bag model (not included in Calibration Kit).



PIR Calibration Bags

Part Number	Description	Ship Weight
006682-002	PIRECL Windshield calibration bag	8 oz (0.23 kg)
006682-001	PIR9400 Windshield calibration bag	8 oz (0.23 kg)

PIRECL, PIR9400, and PIRDUCT Calibration Kits

Part Number	Gas	%LFL	% Vol	Standard	Balance	Ship Weight
006468-006	Butane	50%	0.95	NFPA	Air	11.5 lb (5.23 kg)
006468-022	Butane	50%	0.7	IEC	Air	11.5 lb (5.23 kg)
006468-002	Ethane	50%	1.5	NFPA	Air	11.5 lb (5.23 kg)
006468-021	Ethane	50%	1.2	IEC	Air	11.5 lb (5.23 kg)
006468-003	Ethylene	50%	1.35	NFPA	Air	11.5 lb (5.23 kg)
006468-020	Ethylene	50%	1.15	IEC	Air	11.5 lb (5.23 kg)
006468-007*	Methane	7.5%	0.375	NFPA	Air	11.5 lb (5.23 kg)
006468-917†	Methane	7.5%	0.33	NFPA	Air	11.5 lb (5.23 kg)
006468-014	Methane	50%	2.2	IEC	Air	11.5 lb (5.23 kg)
006468-914**†	Methane	50%	2.2	IEC	Air	11.5 lb (5.23 kg)
006468-001	Methane	50%	2.5	NFPA	Air	11.5 lb (5.23 kg)
006468-906†	Methane	50%	2.5	NFPA	Air	11.5 lb (5.23 kg)
006468-015	Propane	50%	0.85	IEC	Air	11.5 lb (5.23 kg)
006468-915†	Propane	50%	0.85	IEC	Air	11.5 lb (5.23 kg)
006468-004	Propane	50%	1.1	NFPA	Air	11.5 lb (5.23 kg)
006468-005	Propylene	50%	1	NFPA	Air	11.5 lb (5.23 kg)
006468-019	Propylene	50%	1	IEC	Air	11.5 lb (5.23 kg)
006468-016	Empty kit - no cal gas					8.5 lb (3.9 kg)

*PIRDUCT

†These items are certified for Russian projects.

NOTE: Average lead time is 2-3 weeks.

INFRARED

Replacement Gas Cylinders for Combustible Gas Calibration Kits

Part Number	Gas	%LFL	% Vol	Standard	Balance	Ship Weight
226166-006	Zero Air	N/A	20.9 Oxygen	N/A	Nitrogen	1.5 lb (0.7 kg)
226166-011	Butane	50%	0.95	NFPA	Air	1.5 lb (0.7 kg)
226166-022	Butane	50%	0.7	IEC	Air	1.5 lb (0.7 kg)
226166-002	Ethane	50%	1.5	NFPA	Air	1.5 lb (0.7 kg)
226166-021	Ethane	50%	1.2	IEC	Air	1.5 lb (0.7 kg)
226166-902†	Ethane	50%	1.5	NFPA	Air	1.5 lb (0.7 kg)
226166-003	Ethylene	50%	1.35	NFPA	Air	1.5 lb (0.7 kg)
226166-020	Ethylene	50%	1.15	IEC	Air	1.5 lb (0.7 kg)
226166-005	Hydrogen	50%	2.0	NFPA	Air	1.5 lb (0.7 kg)
226166-012*	Methane	7.5%	0.38	NFPA	Air	1.5 lb (0.7 kg)
226166-917*†	Methane	7.5%	0.33	NFPA	Air	1.5 lb (0.7 kg)
226166-007	Methane	20%	1.0	NFPA	Air	1.5 lb (0.7 kg)
226166-008	Methane	25%	1.25	NFPA	Air	1.5 lb (0.7 kg)
226166-009	Methane	35%	1.75	NFPA	Air	1.5 lb (0.7 kg)
226166-014	Methane	50%	2.2	IEC	Air	1.5 lb (0.7 kg)
226166-914†	Methane	50%	2.2	IEC	Air	1.5 lb (0.7 kg)
226166-001	Methane	50%	2.5	NFPA	Air	1.5 lb (0.7 kg)
226166-901†	Methane	50%	2.5	NFPA	Air	1.5 lb (0.7 kg)
226166-015	Propane	50%	0.85	IEC	Air	1.5 lb (0.7 kg)
226166-915†	Propane	50%	0.85	IEC	Air	1.5 lb (0.7 kg)
226166-004	Propane	50%	1.1	NFPA	Air	1.5 lb (0.7 kg)
226166-010	Propylene	50%	1	NFPA	Air	1.5 lb (0.7 kg)
226166-019	Propylene	50%	1	IEC	Air	1.5 lb (0.7 kg)

*PIRDUCT †These items are certified for Russian projects Cylinders have an accuracy of +/- 2% with a cylinder size of 6D
NOTE: Average lead time is 2-3 weeks

PIR Calibration Kit Replacement Parts

Part Number	Description	Ship Weight
162552-002	Regulator, 2.5 LPM	8 oz (0.23 kg)
162553-001	Replacement carrying case	8 oz (0.23 kg)
101678-007	Tubing, 3 ft.	8 oz (0.23 kg)
101678-013	Tubing, 100 ft. spool	8 oz (0.23 kg)

FlexSight™ LS2000 Line-of-Sight Infrared Gas Detector



The **FlexSight LS2000 Line-of-Sight Infrared Gas Detection System** (Spec Sheet: 90-1215) is a stainless steel, IR beam-type hydrocarbon gas detection system. The system consists of two modules (transmitter and receiver) offering:

- Eagle Quantum Premier model
- **Industry Leading Misalignment Tolerance: ± 0.8 degrees ($\sim \pm 56\text{cm}$ @ 40m; $\sim \pm 168\text{cm}$ @ 120m). Patented design.**
- Compliance to ISA-12.13.04 performance standard
- Third party certified for Methane (default). Factory calibrated to Methane, Propane, and Butane
- Performance certified to EN60079-29-4
- -55°C to $+75^{\circ}\text{C}$ certified temperature range
- Compliance to FM6325 and ISA-12.13.04 performance standards
- **Certified SIL 2 capable**
- Module separation distance range from 5-120 meters
- IR source: High performance, long lasting xenon flashlamp - **10 year warranty on IR source**
- **5 year detector warranty**
- Standard 4-20 mA output (configurable), HART communications (on receiver), RS485 Modbus
- Optional alarm relays (Ex d only)
- **Easy Install / Alignment**
 - Mounting / alignment hardware included with both modules
 - Built-in locking adjusters deliver fine control of alignment angles
 - Telescope alignment tool for accurate alignment
 - **No HART or Software Interrogation tool required**
- Use of **'Smart'** monitoring and control: maintains device temperature, heater obscuration triggers, drift / beam block tolerance, power supply and 4-20 mA monitoring, event logging, power consumption management
- Non-intrusive zero calibration options: on-board magnetic switch, HART communication, external switch, or MODBUS communication
- DNV Maritime approval
- Globally certified including SIL, FM, CSA, ATEX, IECEx, CE, DNV, INMETRO, and KIM approvals
- Optional communication link provides: dynamic lamp power adjustments, synchronized LEDs, remote configuration read and calibration initiation from the transmitter

INFRARED

LS2000 Model Matrix

MODEL	DESCRIPTION												
LS2000	Line-of-Sight Infrared Gas Detector												
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>Stainless Steel</td> </tr> </tbody> </table>	TYPE	MATERIAL	S	Stainless Steel								
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TYPE	CONFIGURATION												
S	Transmitter/Receiver/Mounting Hardware												
T	Transmitter Only												
R	Receiver Only												
TM	Spare Transmitter Electronics Module												
RM	Spare Receiver Electronics Module												

*The LS2000 is factory-calibrated to these gas types: methane, propane, and butane. This selection indicates which gas type the device was configured to detect when it left the factory. This selection can be changed in the field via HART or MODBUS.

†Type Approvals can use one or more letters to designate the approvals of the product.

Typical LS2000 Customer Proposal

Qty	Model	Part Number	Description
1	LS2000SM18SMSE1S	012731-503	Consists of LS2000SM00NNSE1T Transmitter, LS2000SM18SMSE1R Receiver, and two Mounting & Alignment Brackets

LS2000 - Complete Gas Detector Systems - SIL/FM/CSA

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d
LS2000SN18SMSA1S	012731-401	Methane	Short	3/4 NPT			X	X	
LS2000SM18SMSA1S	012731-403			M25			X	X	
LS2000SN25SMSA2S	012731-426			3/4 NPT	X		X		X
LS2000SM25SMSA2S	012731-427			M25	X		X		X
LS2000SN18SMSA2S	012731-402			3/4 NPT			X		X
LS2000SN18LMSA1S	012731-451		Long	3/4 NPT			X	X	
LS2000SM18LMSA1S	012731-453			M25			X	X	
LS2000SN25LMSA2S	012731-476			3/4 NPT	X		X		X
LS2000SM25LMSA2S	012731-477			M25	X		X		X
LS2000SN18LMSA2S	012731-452			3/4 NPT			X		X
LS2000SN14SMSA1S	011760-401	Methane	Short	3/4 NPT		X	X	X	
LS2000SM14SMSA1S	011760-403			M25		X	X	X	
LS2000SN14SMSA2S	011760-426			3/4 NPT		X	X		X
LS2000SM14SMSA2S	011760-427			M25		X	X		X
LS2000SN14LMSA1S	011760-451		Long	3/4 NPT		X	X	X	
LS2000SM14LMSA1S	011760-453			M25		X	X	X	
LS2000SN14LMSA2S	011760-476			3/4 NPT		X	X		X
LS2000SM14LMSA2S	011760-477			M25		X	X		X
LS2000SN18SPSA1S	012731-401P	Propane	Short	3/4 NPT			X	X	
LS2000SN25SPSA2S	012731-426P			3/4 NPT	X		X		X
LS2000SN18LPSA1S	012731-451P		Long	3/4 NPT			X	X	
LS2000SN25LPSA2S	012731-476P			3/4 NPT	X		X		X
LS2000SN14SPSA1S	011760-401P	Propane	Short	3/4 NPT		X	X	X	
LS2000SN14SPSA2S	011760-426P			3/4 NPT		X	X		X
LS2000SN14LPSA1S	011760-451P		Long	3/4 NPT		X	X	X	
LS2000SN14LPSA2S	011760-476P			3/4 NPT		X	X		X
LS2000SN18SBSA1S	012731-401B	Butane	Short	3/4 NPT			X	X	
LS2000SN25SBSA2S	012731-426B			3/4 NPT	X		X		X
LS2000SN18LBSA1S	012731-451B		Long	3/4 NPT			X	X	
LS2000SN25LBSA2S	012731-476B			3/4 NPT	X		X		X
LS2000SN14SBSA1S	011760-401B	Butane	Short	3/4 NPT		X	X	X	
LS2000SN14SBSA2S	011760-426B			3/4 NPT		X	X		X
LS2000SN14LBSA1S	011760-451B		Long	3/4 NPT		X	X	X	
LS2000SN14LBSA2S	011760-476B			3/4 NPT		X	X		X
Ship Weight = 85 lbs (38 kg)									

NOTE: All complete systems have a long range (L) of 30-120 meters or a short range (S) of 5-60 meters (apertures may be needed for shortest 15m of each range).
The complete system includes a transmitter, receiver, aperture, and mounting hardware.

INFRARED

LS2000 - Complete Gas Detector Systems - SIL/ATEX/IECEx

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d			
LS2000SN18SMSE1S	012731-501	Methane	Short	3/4 NPT			X	X				
LS2000SN18SMSE2S	012731-502			3/4 NPT			X		X			
LS2000SM18SMSE1S	012731-503			M25			X	X				
LS2000SM18SMSE2S	012731-504			M25			X		X			
LS2000SN25SMSE2S	012731-526			3/4 NPT	X		X		X			
LS2000SM25SMSE2S	012731-527			M25	X		X		X			
LS2000SN18LMSE1S	012731-551		Long	Long	3/4 NPT			X	X			
LS2000SN18LMSE2S	012731-552				3/4 NPT			X		X		
LS2000SM18LMSE1S	012731-553				M25			X	X			
LS2000SM18LMSE2S	012731-554				M25			X		X		
LS2000SN25LMSE2S	012731-576				3/4 NPT	X		X		X		
LS2000SM25LMSE2S	012731-577				M25	X		X		X		
LS2000SN14SMSE1S	011760-501	Methane	Short	3/4 NPT		X	X	X				
LS2000SM14SMSE1S	011760-503			M25		X	X	X				
LS2000SN14SMSE2S	011760-526			3/4 NPT		X	X		X			
LS2000SM14SMSE2S	011760-527			M25		X	X		X			
LS2000SN14LMSE1S	011760-551		Long	Long	3/4 NPT		X	X	X			
LS2000SM14LMSE1S	011760-553				M25		X	X	X			
LS2000SN14LMSE2S	011760-576				3/4 NPT		X	X		X		
LS2000SM14LMSE2S	011760-577				M25		X	X		X		
LS2000SM18SPSE1S	012731-503P	Propane	Short	M25			X	X				
LS2000SM18SPSE2S	012731-504P			M25			X		X			
LS2000SM25SPSE2S	012731-527P			M25	X		X		X			
LS2000SM18LPSE1S	012731-553P		Long	Long	M25			X	X			
LS2000SM18LPSE2S	012731-554P				M25			X		X		
LS2000SN25LPSE2S	012731-576P				3/4 NPT	X		X		X		
LS2000SM25LPSE2S	012731-577P	M25	X		X		X					
LS2000SM14SPSE1S	011760-503P	Propane	Short	M25		X	X	X				
LS2000SM14SPSE2S	011760-527P			M25		X	X		X			
LS2000SM14LPSE1S	011760-553P		Long	Long	M25		X	X	X			
LS2000SM14LPSE2S	011760-577P				M25		X	X		X		
LS2000SN18SBSE1S	012731-501B	Butane	Short	3/4 NPT			X	X				
LS2000SM18SBSE1S	012731-503B			M25			X	X				
LS2000SM18SBSE2S	012731-504B			M25			X		X			
LS2000SM25SBSE2S	012731-527B			M25	X		X		X			
LS2000SN18LBSE1S	012731-551B			3/4 NPT			X	X				
LS2000SM18LBSE1S	012731-553B		Long	Long	M25			X	X			
LS2000SM18LBSE2S	012731-554B				M25			X		X		
LS2000SM25LBSE2S	012731-577B				M25	X		X		X		
LS2000SM14SBSE1S	011760-503B				Butane	Short	M25		X	X	X	
LS2000SM14SBSE2S	011760-527B						M25		X	X		X
LS2000SM14LBSE1S	011760-553B	Long	Long	M25			X	X	X			
LS2000SM14LBSE2S	011760-577B			M25			X	X		X		

Ship Weight = 85 lbs (38 kg)

NOTE: All complete systems have a long range (L) of 30-120 meters or a short range (S) of 5-60 meters (apertures may be needed for shortest 15m of each range).

The complete system includes a transmitter, receiver, aperture, and mounting hardware.

LS2000 - Complete Gas Detector Systems - SIL/INMETRO

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d
LS2000SN14SMSB2S	011760-626	Methane	Short	3/4 NPT		X	X		X
LS2000SN18SMSB1S	012731-201			3/4 NPT			X	X	
LS2000SN18SMSB2S	012731-202			3/4 NPT			X		X
LS2000SN25SMSB2S	012731-226			3/4 NPT	X		X		X
LS2000SN14LMSB2S	011760-676		Long	3/4 NPT		X	X		X
LS2000SN18LMSB1S	012731-251			3/4 NPT			X	X	
LS2000SN18LMSB2S	012731-252			3/4 NPT			X		X
LS2000SN25LMSB2S	012731-276			3/4 NPT	X		X		X
LS2000SN18SPSB1S	012731-201P	Propane	Short	3/4 NPT			X	X	
LS2000SN18SPSB2S	012731-202P			3/4 NPT			X		X
LS2000SN25SPSB2S	012731-226P			3/4 NPT	X		X		X
LS2000SN18LPSB1S	012731-251P		Long	3/4 NPT			X	X	
LS2000SN18LPSB2S	012731-252P			3/4 NPT			X		X
LS2000SN25LPSB2S	012731-276P			3/4 NPT	X		X		X
LS2000SN18SBSB1S	012731-201B	Butane	Short	3/4 NPT			X	X	
LS2000SN18SBSB2S	012731-202B			3/4 NPT			X		X
LS2000SN25SBSB2S	012731-226B			3/4 NPT	X		X		X
LS2000SN18LBSB1S	012731-251B		Long	3/4 NPT			X	X	
LS2000SN18LBSB2S	012731-252B			3/4 NPT			X		X
LS2000SN25LBSB2S	012731-276B			3/4 NPT	X		X		X
Ship Weight = 85 lbs (38 kg)									

NOTE: All complete systems have a long range (L) of 30-120 meters or a short range (S) of 5-60 meters (apertures may be needed for shortest 15m of each range).
The complete system includes a transmitter, receiver, aperture, and mounting hardware.

INFRARED

LS2000 Transmitter Replacement - SIL/FM/CSA

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSA1T	012020-401	3/4 NPT	X	X	
LS2000SN00NNSA2T	012020-402	3/4 NPT	X		X
LS2000SM00NNSA1T	012020-403	M25	X	X	
LS2000SM00NNSA2T	012020-404	M25	X		X
Ship Weight = 23 lbs (10.4 kg)					

NOTE: Spare transmitters do not include mounting hardware

LS2000 Transmitter Replacement - SIL/ATEX/IECEX

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSE1T	012020-501	3/4 NPT	X	X	
LS2000SN00NNSE2T	012020-502	3/4 NPT	X		X
LS2000SM00NNSE1T	012020-503	M25	X	X	
LS2000SM00NNSE2T	012020-504	M25	X		X
Ship Weight = 23 lbs (10.4 kg)					

NOTE: Spare transmitters do not include mounting hardware

LS2000 Transmitter Replacement - SIL/INMETRO

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSB1T	012020-201	3/4 NPT	X	X	
LS2000SN00NNSB2T	012020-202	3/4 NPT	X		X
Ship Weight = 23 lbs (10.4 kg)					

NOTE: Spare transmitters do not include mounting hardware

LS2000 - Receiver Replacement - SIL/FM/CSA

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d	
LS2000SN18SMSA1R	012097-401	Methane	Short	3/4 NPT			X	X		
LS2000SN18SMSA2R	012097-402			3/4 NPT			X		X	
LS2000SM18SMSA1R	012097-403			M25			X	X		
LS2000SN25SMSA2R	012097-426			3/4 NPT	X		X		X	
LS2000SM25SMSA2R	012097-427			M25	X		X		X	
LS2000SN18LMSA1R	012097-451		Long	3/4 NPT			X	X		
LS2000SN18LMSA2R	012097-452			3/4 NPT			X		X	
LS2000SM18LMSA1R	012097-453			M25			X	X		
LS2000SN25LMSA2R	012097-476			3/4 NPT	X		X		X	
LS2000SM25LMSA2R	012097-477			M25	X		X		X	
LS2000SN14SMSA1R	011758-401	Methane	Short	3/4 NPT		X	X	X		
LS2000SM14SMSA1R	011758-403			M25			X	X	X	
LS2000SN14SMSA2R	011758-426			3/4 NPT			X	X		X
LS2000SM14SMSA2R	011758-427			M25			X	X		X
LS2000SN14LMSA1R	011758-451		Long	3/4 NPT		X	X	X		
LS2000SM14LMSA1R	011758-453			M25			X	X	X	
LS2000SN14LMSA2R	011758-476			3/4 NPT			X	X		X
LS2000SM14LMSA2R	011758-477			M25			X	X		X
LS2000SN18SPSA1R	012097-401P	Propane	Short	3/4 NPT			X	X		
LS2000SN25SPSA2R	012097-426P			3/4 NPT	X		X		X	
LS2000SN18LPSA1R	012097-451P		Long	3/4 NPT			X	X		
LS2000SN25LPSA2R	012097-476P			3/4 NPT	X		X		X	
LS2000SN14SPSA1R	011758-401P	Propane	Short	3/4 NPT		X	X	X		
LS2000SN14SPSA2R	011758-426P			3/4 NPT			X	X		X
LS2000SN14LPSA1R	011758-451P		Long	3/4 NPT			X	X	X	
LS2000SN14LPSA2R	011758-476P			3/4 NPT			X	X		X
LS2000SN18SBSA1R	012097-401B	Butane	Short	3/4 NPT			X	X		
LS2000SN25SBSA2R	012097-426B			3/4 NPT	X		X		X	
LS2000SN18LBSA1R	012097-451B		Long	3/4 NPT			X	X		
LS2000SN25LBSA2R	012097-476B			3/4 NPT	X		X		X	
LS2000SN14SBSA1R	011758-401B	Butane	Short	3/4 NPT		X	X	X		
LS2000SN14SBSA2R	011758-426B			3/4 NPT			X	X		X
LS2000SN14LBSA1R	011758-451B		Long	3/4 NPT			X	X	X	
LS2000SN14LBSA2R	011758-476B			3/4 NPT			X	X		X

Ship Weight = 20 lbs (9 kg)

NOTE: Spare receivers do not include mounting hardware

INFRARED

LS2000 - Receiver Replacement - SIL/ATEX/IECEX

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d	
LS2000SN18SMSE1R	012097-501	Methane	Short	3/4 NPT			X	X		
LS2000SN18SMSE2R	012097-502			3/4 NPT			X		X	
LS2000SM18SMSE1R	012097-503			M25			X	X		
LS2000SM18SMSE2R	012097-504			M25			X		X	
LS2000SN25SMSE2R	012097-526			3/4 NPT	X		X		X	
LS2000SM25SMSE2R	012097-527			M25	X		X		X	
LS2000SN18LMSE1R	012097-551		Long	3/4 NPT			X	X		
LS2000SN18LMSE2R	012097-552			3/4 NPT			X		X	
LS2000SM18LMSE1R	012097-553			M25			X	X		
LS2000SM18LMSE2R	012097-554			M25			X		X	
LS2000SN25LMSE2R	012097-576			3/4 NPT	X		X		X	
LS2000SM25LMSE2R	012097-577			M25	X		X		X	
LS2000SN14SMSE1R	011758-501			Methane	Short	3/4 NPT		X	X	X
LS2000SM14SMSE1R	011758-503					M25		X	X	X
LS2000SN14SMSE2R	011758-526	3/4 NPT				X	X		X	
LS2000SM14SMSE2R	011758-527	M25				X	X		X	
LS2000SN14LMSE1R	011758-551	Long	3/4 NPT			X	X	X		
LS2000SM14LMSE1R	011758-553		M25			X	X	X		
LS2000SN14LMSE2R	011758-576		3/4 NPT			X	X		X	
LS2000SM14LMSE2R	011758-577		M25			X	X		X	
LS2000SM18SPSE1R	012097-503P	Propane	Short	M25			X	X		
LS2000SM18SPSE2R	012097-504P			M25			X		X	
LS2000SM25SPSE2R	012097-527P			M25	X		X		X	
LS2000SM18LPSE1R	012097-553P		Long	M25			X	X		
LS2000SM18LPSE2R	012097-554P			M25			X		X	
LS2000SN25LPSE2R	012097-576P			3/4 NPT	X		X		X	
LS2000SM25LPSE2R	012097-577P			M25	X		X		X	
LS2000SM14SPSE1R	011758-503P	Propane	Short	M25		X	X	X		
LS2000SM14SPSE2R	011758-527P			M25		X	X		X	
LS2000SM14LPSE1R	011758-553P		Long	M25		X	X	X		
LS2000SM14LPSE2R	011758-577P			M25		X	X		X	
LS2000SM18SBSE1R	012097-503B	Butane	Short	M25			X	X		
LS2000SM18SBSE2R	012097-504B			M25			X		X	
LS2000SM25SBSE2R	012097-527B			M25	X		X		X	
LS2000SM18LBSE1R	012097-553B		Long	M25			X	X		
LS2000SM18LBSE2R	012097-554B			M25			X		X	
LS2000SM25LBSE2R	012097-577B			M25	X		X		X	
LS2000SM14SBSE1R	011758-503B	Butane	Short	M25		X	X	X		
LS2000SM14SBSE2R	011758-527B			M25		X	X		X	
LS2000SM14LBSE1R	011758-553B		Long	M25		X	X	X		
LS2000SM14LBSE2R	011758-577B			M25		X	X		X	

Ship Weight = 20 lbs (9 kg)

NOTE: Spare receivers do not include mounting hardware

LS2000 - Receiver Replacement - SIL/INMETRO

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d
LS2000SN14SMSB2R	011758-626	Methane	Short	3/4 NPT		X	X		X
LS2000SN18SMSB1R	012097-201			3/4 NPT			X	X	
LS2000SN18SMSB2R	012097-202			3/4 NPT					X
LS2000SN25SMSB2R	012097-226			3/4 NPT	X		X		X
LS2000SN14LMSB2R	011758-676		Long	3/4 NPT		X	X		X
LS2000SN18LMSB1R	012097-251			3/4 NPT			X	X	
LS2000SN18LMSB2R	012097-252			3/4 NPT					X
LS2000SN25LMSB2R	012097-276			3/4 NPT	X		X		X
LS2000SN18SPSB1R	012097-201P	Propane	Short	3/4 NPT			X	X	
LS2000SN18SPSB2R	012097-202P			3/4 NPT					X
LS2000SN25SPSB2R	012097-226P			3/4 NPT	X		X		X
LS2000SN18LPSB1R	012097-251P		Long	3/4 NPT			X	X	
LS2000SN18LPSB2R	012097-252P			3/4 NPT					X
LS2000SN25LPSB2R	012097-276P			3/4 NPT	X		X		X
LS2000SN18SBSB1R	012097-201B	Butane	Short	3/4 NPT			X	X	
LS2000SN18SBSB2R	012097-202B			3/4 NPT					X
LS2000SN25SBSB2R	012097-226B			3/4 NPT	X		X		X
LS2000SN18LBSB1R	012097-251B		Long	3/4 NPT			X	X	
LS2000SN18LBSB2R	012097-252B			3/4 NPT					X
LS2000SN25LBSB2R	012097-276B			3/4 NPT	X		X		X
Ship Weight = 20 lbs (9 kg)									

NOTE: Spare receivers do not include mounting hardware

INFRARED

LS2000 Spare Transmitter Module - SIL/FM/CSA

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSA1TM	012713-401	3/4 NPT	X	X	
LS2000SN00NNSA2TM	012713-402	3/4 NPT	X		X
LS2000SM00NNSA1TM	012713-403	M25	X	X	
LS2000SM00NNSA2TM	012713-404	M25	X		X
Ship Weight = 10.4 lbs (4.7 kg)					

NOTE: Includes front electronics module only

LS2000 Spare Transmitter Module - SIL/ATEX/IECEX

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSE1TM	012713-501	3/4 NPT	X	X	
LS2000SN00NNSE2TM	012713-502	3/4 NPT	X		X
LS2000SM00NNSE1TM	012713-503	M25	X	X	
LS2000SM00NNSE2TM	012713-504	M25	X		X
Ship Weight = 10.4 lbs (4.7 kg)					

NOTE: Includes front electronics module only

LS2000 Spare Transmitter Module - SIL/INMETRO

Model	Part Number	Threads	DNV	Ex d e	Ex d
LS2000SN00NNSB1TM	012713-201	3/4 NPT	X	X	
LS2000SN00NNSB2TM	012713-202	3/4 NPT	X		X
Ship Weight = 10.4 lbs (4.7 kg)					

NOTE: Includes front electronics module only

LS2000 Spare Receiver Modules - SIL/FM/CSA

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d		
LS2000SN18SMSA1RM	012714-401	Methane	Short	3/4 NPT			X	X			
LS2000SM18SMSA1RM	012714-403			M25			X	X			
LS2000SN25SMSA2RM	012714-426			3/4 NPT	X		X		X		
LS2000SM25SMSA2RM	012714-427			M25	X		X		X		
LS2000SN14SMSA1RM	011759-401			3/4 NPT		X	X	X			
LS2000SM14SMSA1RM	011759-403			M25		X	X	X			
LS2000SN14SMSA2RM	011759-426			3/4 NPT		X	X		X		
LS2000SM14SMSA2RM	011759-427			M25		X	X		X		
LS2000SN18LMSA1RM	012714-451			3/4 NPT				X	X		
LS2000SM18LMSA1RM	012714-453			M25				X	X		
LS2000SN25LMSA2RM	012714-476		3/4 NPT	X			X		X		
LS2000SM25LMSA2RM	012714-477		M25	X			X		X		
LS2000SN14LMSA1RM	011759-451		3/4 NPT		X	X	X				
LS2000SM14LMSA1RM	011759-453		M25		X	X	X				
LS2000SN14LMSA2RM	011759-476		3/4 NPT		X	X			X		
LS2000SM14LMSA2RM	011759-477		M25		X	X			X		
LS2000SN18SPSA1RM	012714-401P		Propane	Short	3/4 NPT			X	X		
LS2000SN25SPSA2RM	012714-426P				3/4 NPT	X			X		X
LS2000SN14SPSA1RM	011759-401P				3/4 NPT		X	X	X		
LS2000SN14SPSA2RM	011759-426P				3/4 NPT		X	X			X
LS2000SN18LPSA1RM	012714-451P	3/4 NPT						X	X		
LS2000SN25LPSA2RM	012714-476P	3/4 NPT		X			X		X		
LS2000SN14LPSA1RM	011759-451P	3/4 NPT			X	X	X				
LS2000SN14LPSA2RM	011759-476P	3/4 NPT			X	X			X		
LS2000SN18SBSA1RM	012714-401B	Butane		Short	3/4 NPT			X	X		
LS2000SN25SBSA2RM	012714-426B				3/4 NPT	X			X		X
LS2000SN14SBSA1RM	011759-401B		3/4 NPT			X	X	X			
LS2000SN14SBSA2RM	011759-426B		3/4 NPT			X	X			X	
LS2000SN18LBSA1RM	012714-451B		3/4 NPT					X	X		
LS2000SN25LBSA2RM	012714-476B		3/4 NPT	X			X		X		
LS2000SN14LBSA1RM	011759-451B		3/4 NPT		X	X	X				
LS2000SN14LBSA2RM	011759-476B		3/4 NPT		X	X			X		

Ship Weight = 7.8 lbs (3.6 kg)

NOTE: Includes front electronics module only

INFRARED

LS2000 Spare Receiver Modules - SIL/ATEX/IECEX

Model	Part Number	Target Gas	Range	Threads	Relay Output	EQP Output	DNV	Ex d e	Ex d		
LS2000SN18SMSE1RM	012714-501	Methane	Short	3/4 NPT			X	X			
LS2000SN18SMSE2RM	012714-502			3/4 NPT			X		X		
LS2000SM18SMSE1RM	012714-503			M25			X	X			
LS2000SM18SMSE2RM	012714-504			M25			X		X		
LS2000SN25SMSE2RM	012714-526			3/4 NPT	X		X		X		
LS2000SM25SMSE2RM	012714-527			M25	X		X		X		
LS2000SN14SMSE1RM	011759-501			3/4 NPT		X	X	X			
LS2000SM14SMSE1RM	011759-503			M25		X	X	X			
LS2000SN14SMSE2RM	011759-526			3/4 NPT		X	X		X		
LS2000SM14SMSE2RM	011759-527			M25		X	X		X		
LS2000SN18LMSE1RM	012714-551			3/4 NPT				X	X		
LS2000SN18LMSE2RM	012714-552			3/4 NPT				X		X	
LS2000SM18LMSE1RM	012714-553		M25				X	X			
LS2000SM18LMSE2RM	012714-554		M25				X		X		
LS2000SN25LMSE2RM	012714-576		3/4 NPT	X			X		X		
LS2000SM25LMSE2RM	012714-577		M25	X			X		X		
LS2000SN14LMSE1RM	011759-551		3/4 NPT		X	X	X				
LS2000SM14LMSE1RM	011759-553		M25		X	X	X				
LS2000SN14LMSE2RM	011759-576		3/4 NPT		X	X			X		
LS2000SM14LMSE2RM	011759-577		M25		X	X			X		
LS2000SM18SPSE1RM	012714-503P		Propane	Short	M25			X	X		
LS2000SM18SPSE2RM	012714-504P				M25				X		X
LS2000SM25SPSE2RM	012714-527P				M25	X			X		X
LS2000SM14SPSE1RM	011759-503P				M25		X	X	X		
LS2000SM14SPSE2RM	011759-527P	M25				X	X			X	
LS2000SM18LPSE1RM	012714-553P	M25						X	X		
LS2000SM18LPSE2RM	012714-554P	M25					X		X		
LS2000SM25LPSE2RM	012714-577P	M25		X			X		X		
LS2000SM14LPSE1RM	011759-553P	M25			X	X	X				
LS2000SM14LPSE2RM	011759-577P	M25			X	X			X		
LS2000SM18SBSE1RM	012714-503B	Butane		Short	M25			X	X		
LS2000SM18SBSE2RM	012714-504B				M25				X		X
LS2000SM25SBSE2RM	012714-527B		M25		X			X		X	
LS2000SM14SBSE1RM	011759-503B		M25			X	X	X			
LS2000SM14SBSE2RM	011759-527B		M25			X	X			X	
LS2000SM14SBSE1RM	011759-503B		M25			X	X	X			
LS2000SM14SBSE2RM	011759-527B		M25		X	X			X		
LS2000SM18LBSE1RM	012714-553B		M25				X	X			
LS2000SM18LBSE2RM	012714-554B		M25				X		X		
LS2000SM25LBSE2RM	012714-577B		M25	X			X		X		
LS2000SM14LBSE1RM	011759-553B		M25		X	X	X				
LS2000SM14LBSE2RM	011759-577B		M25		X	X			X		

Ship Weight = 7.8 lbs (3.6 kg)

NOTE: Includes front electronics module only

LS2000 Spare Receiver Modules - SIL/INMETRO

Model	Part Number	Target Gas	Range	Threads	Relay Output	DNV	Ex d e	Ex d
LS2000SN18SMSB1RM	012714-201	Methane	Short	3/4 NPT		X	X	
LS2000SN18SMSB2RM	012714-202			3/4 NPT		X		X
LS2000SN25SMSB2RM	012714-226			3/4 NPT	X	X		X
LS2000SN18LMSB1RM	012714-251		Long	3/4 NPT		X	X	
LS2000SN18LMSB2RM	012714-252			3/4 NPT		X		X
LS2000SN25LMSB2RM	012714-276			3/4 NPT	X	X		X
LS2000SN18SPSB1RM	012714-201P	Propane	Short	3/4 NPT		X	X	
LS2000SN18SPSB2RM	012714-202P			3/4 NPT		X		X
LS2000SN25SPSB2RM	012714-226P			3/4 NPT	X	X		X
LS2000SN18LPSB1RM	012714-251P		Long	3/4 NPT		X	X	
LS2000SN18LPSB2RM	012714-252P			3/4 NPT		X		X
LS2000SN25LPSB2RM	012714-276P			3/4 NPT	X	X		X
LS2000SN18SBSB1RM	012714-201B	Butane	Short	3/4 NPT		X	X	
LS2000SN18SBSB2RM	012714-202B			3/4 NPT		X		X
LS2000SN25SBSB2RM	012714-226B			3/4 NPT	X	X		X
LS2000SN18LBSB1RM	012714-251B		Long	3/4 NPT		X	X	
LS2000SN18LBSB2RM	012714-252B			3/4 NPT		X		X
LS2000SN25LBSB2RM	012714-276B			3/4 NPT	X	X		X
Ship Weight = 7.8 lbs (3.6 kg)								

NOTE: Includes front electronics module only

INFRARED

LS2000 Accessories

Part Number	Description
012287-002	LS2000 Alignment Tool
012673-001	Test Films, LS2000, Methane, Propane, Butane
012673-002	Test Films, LS2000, Transmitter, Methane, Propane, Butane
103922-003	AMS Trex Device Communicator
014020-001	W6300G1006 Gas Inspector II Kit (PC software and connection hardware included)
014331-001	LS2000E, Ethylene Test Film
009246-003	Gas Test Cell, LS2000 Methane NFPA
009246-004	Gas Test Cell, LS2000 Methane IEC
009246-005	Gas Test Cell, LS2000 Propane NFPA
009246-006	Gas Test Cell, LS2000 Propane IEC
009246-007	Gas Test Cell, LS2000 Butane NFPA
009246-008	Gas Test Cell, LS2000 Butane IEC
012840-001	Gas Cell Adapter (converts OPECL Test Cell to mount on LS2000 Rx)
012718-003	Flat Surface Adapter Plate (converts OPECL flat surface mounting to LS2000)
012790-001	Thermal Shield for Right Module*
012791-001	Thermal Shield for Left Module*
014296-001	LS2000 Laser Aligner Kit

* Two Thermal Shields required per complete LS2000 system (one right and one left)



**System Test Film
012673-001**

LS2000 Spare Parts

Part Number	Description
102740-002	Calibration Magnet*
011773-001	Short Range Aperture†
012300-001	Spare Brow, Rx
012312-001	Spare Brow, Tx
400525-023	Spare M8 Flange Bolt for Tx Module
012660-001	Spare Mounting & Alignment Bracket (for one module only)
103578-001	Anti-seize Lubricant Packet
006680-001	Grease Kit, Silicone
104346-154	O-Ring, 3.75" i.d., for wiring compartment cover
104346-046	O-Ring, 4.25", for front flange Transmitter
014253-001	Laser Holder Attachment for LS2000
014254-001	Laser Aligner Target for LS2000
014255-001	LS2000 Laser Aligner Assembly
014256-001	LS2000 Laser Aligner Target

*1 magnet ships with each individual order of an LS2000 Kit or Receiver free of charge.

†Qty 1 aperture is provided with each LS2000 Transmitter

CATALYTIC

CGS Combustible Gas Sensor



CGS Combustible Gas Sensor (Spec Sheet: 90-1041). Stainless steel catalytic sensor that provides an accurate measurement of combustible gas concentration in the % LFL range. Requires FlexVu UD10, Model 505, U9500A or FlexVu UD30 transmitter.

- Compliance to ANSI/ISA-12.13.01-2000 performance standard
- Performance certified to FM 6320, CSA 22.2 #152, and EN60079-29-1
- Performance certified to IEC60079-29-1 when connected to the FlexVu UD10, UD10-DCU
- **Detects hydrogen and hydrocarbon gases**
- Constant current or constant voltage options available
- Poison resistant construction
- 3/4" NPT or 20 mm thread option
- Wire lead options of 6" or 30"
- Sensor Separation Termination Box (STB) option available
- Variety of special accessories available
- FlexVu UD10 universal display provides full digital readout, calibration and user interface
- **Performance approved from -40°C to 75°C for life safety applications**
- Hazardous Location approved from -55°C to 125°C for process control applications
- SIL 2 certified when used with FlexVu UD10 and UD30 Universal Displays

Combustible Gas Sensor for Models 505, 500, and K-Series Transmitters

Model	Part Number	Replaces old catalytic sensor p/n	Threads	Lead Length	FM/CSA/ATEX/IECEX
CGSS1A6V2R1X	006824-002	225006-002, 225957-001, 226530-001, 226531-001, 226931-001, 226931-002, 226999-002, 226999-004, 223106-002	3/4 NPT	6 in	X
CGSS1A3V2R1X	006824-006	225006-005, 226530-004, 226531-002, 226931-003, 226931-004	3/4 NPT	30 in	X
CGSS1C3V2R1X	006824-008		M20	30 in	X
CGSS1C6V2R1X	006824-004	226999-010, 226999-013, 226999-018, 226999-019	M20	6 in	X
Shipping Weight = 1 lb. (0.45 kg)					

NOTES: CGS sensors always require a transmitter (sold separately).

Constant voltage

Combustible Gas Sensor for UD10, UD30, CTX10, DCUEX, U9500A, U8700, 400, 405, 810, 820, and 880 Transmitters

Model	Part Number	Replaces old catalytic sensor p/n	Threads	Lead Length	FM/CSA/ATEX/IECEX	Brazil
CGSS1A6C2R1X	006824-001	225006-004, 225957-002, 226530-003, 226531-003, 226931-005, 226931-006, 226999-011, 226999-012	3/4 NPT	6 in	X	
CGSS1A6C2R1B	006824-101		3/4 NPT	6 in		X
CGSS1A3C2R1X	006824-005	225006-003, 226530-005, 226531-004, 226931-007, 226931-008	3/4 NPT	30 in	X	
CGSS1C3C2R1X	006824-007	225006-003, 226530-005, 226531-004, 226931-007, 226931-008	M20	30 in	X	
CGSS1C6C2R1X	006824-003	226999-008, 226999-020, 226999-014, 226999-021	M20	6 in	X	
Shipping Weight = 1 lb. (0.45 kg)						

NOTES: CGS sensors always require a transmitter (sold separately).

Constant current

Combustible Gas Transmitter

The Model CTX10 Transmitter (90-1234-Specifications) is used with one constant current catalytic gas sensor to provide a linear 4 to 20 mA output signal corresponding to a 0 to 100% LFL gas concentration. Non-intrusive calibration and sensor sensitivity checks are performed using a magnetic switch. The CTX10 is third-party performance approved for methane and propane gases.

Features:

- Onboard magnetic calibration/reset switch for non-intrusive calibration capability
- Compatible with constant current Det-Tronics catalytic sensors
- Direct field replacement for Det-Tronics Model 505 Transmitters
- Current level indicates fault condition and calibrate mode
- Sensor sensitivity check
- Suitable for use in a wide variety of combustible gas detection applications
- Available in 316 stainless steel and black epoxy aluminum (shown)
- Explosion-proof junction box available in aluminum or stainless steel



CTX10 Model Matrix

MODEL	DESCRIPTION								
CTX10	Catalytic Combustible Gas Transmitter								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>ENCLOSURE MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum</td> </tr> <tr> <td>S</td> <td>Stainless Steel</td> </tr> </tbody> </table>	TYPE	ENCLOSURE MATERIAL	A	Aluminum	S	Stainless Steel		
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TYPE	APPROVALS								
SA	SIL/FM/CSA								
SE	SIL/ATEX/IECEX								
T	SIL/FM/CSA/ATEX/IECEX								

DISPLAYS AND CONTROLLERS

CTX10 Combustible Gas Transmitter - 3 Port

Model	Part Number	Material	Threads	0-20mA	FM/CSA/ ATEX/IECEX/SIL
CTX10A3N2T	014394-001	Aluminum	3/4" NPT	X	X
CTX10A3F2T	014394-002	Aluminum	Metric M20	X	X
CTX10S3N2T	014395-001	Stainless Steel	3/4" NPT	X	X
CTX10S3F2T	014395-002	Stainless Steel	Metric M20	X	X
Ship Weight: Aluminum = 3.8lb (1.7kg) Stainless Steel = 8.7lb (4.0kg)					

CTX10 Combustible Gas Transmitter - INMETRO - 3 port

Model	Part Number	Material	Threads	0-20mA	INMETRO
CTX10A3N2SB	014394-201	Aluminum	3/4" NPT	X	X
CTX10S3N2SB	014395-201	Stainless Steel	3/4" NPT	X	X
Ship Weight: Aluminum = 3.8lb (1.7kg) Stainless Steel = 8.7lb (4.0kg)					

Model CTX10 Transmitter Spare Terminal Plugs

Part Number	Description	For Use With	Ship Weight
102988-028	PLUG, VERT., W/CLIP, 5.0MM, 5 POS	CTX / UD30 CGS Board - J1	<1 lb (<0.45 kg)
102988-026	PLUG, VERT., W/CLIP, 5.0MM, 3 POS	CTX / UD30 CGS Board - J3	<1 lb (<0.45 kg)
103725-002	HEADER VERT., 3.5MM, 3-PIN	CTX / UD30 CGS Board - J2	<1 lb (<0.45 kg)

Model CTX10 Transmitter Spare Modules

Part Number	Description	For Use With	Ship Weight
013993-001	SPARE CTX10 ELEC. MODULE	CTX10	<1 lb (<0.45 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEX, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

CATALYTIC

FlexVuUD10 Universal Display (for Catalytic)



FlexVu UD10 Universal Display (Spec Sheet: 90-1200) is recommended for applications where a gas detector with digital read-out of detected gas levels are required. The FlexVu UD10 Universal Display Unit is designed for use with various Det-Tronics catalytic gas sensor/transmitters such as Model 505 or CGS. The display unit is designed and approved as a stand-alone device and performs all the functions of a gas controller.

- Compliance to ANSI/ISA-12.13.01-2000 performance standard
- Performance certified to FM 6320, CSA 22.2 #152, EN60079-29-1, and IEC60079-29-1
- **Certified as a stand-alone combustible gas controller/detector when used with the CGS sensor**
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- Eagle Quantum Premier model
- Non-intrusive menu allows device configuration and calibration without de-classifying the hazardous area
- Continuously displays gas level, gas type, and units measured
- Data logger for event time and date stamping
- Heated and backlit LCD display
- Relay, modbus, and linear isolated/non-isolated 4-20 mA output with HART, **configurable 4-20 mA output loop monitoring**
- IP66 rated
- SIL 2 certified when used with CGS combustible gas sensor

FlexVu UD10 Model Matrix - CGS

MODEL	DESCRIPTION	
UD10	Universal Display Unit	
	TYPE	MATERIAL
	A	Aluminum
	S	Stainless Steel (316)
	TYPE	THREAD TYPE
	5M	5 Port, Metric M25
	5N	5 Port, 3/4" NPT
	TYPE	OUTPUTS
	25	Relay, 4-20mA, RS485, HART
	28	EQP / DCU Emulator
	TYPE	APPROVALS
	B	INMETRO (BRAZIL)
	S	SIL
	T	SIL/FM/CSA/ATEX/IECEX
	W	FM/CSA/ATEX/IECEX
TYPE	CLASSIFICATION (Div/Zone)	
2	Ex d (Flameproof)	
TYPE	OPTIONAL CONDITIONING BOARD	
C	CGS	

Typical UD10/CGS Customer Proposal

Qty	Part Number	Description
1	006824-003	Catalytic Combustible Gas Sensor (CGS), M20, CC
1	010254-001	UD10A5M25W2C Universal Display, AL, M25
2	101197-005	Stop plug, M25, AL
1	102804-001	Reducer, M25 to M20, AL

Option

Qty	Part Number	Description
1	226365-119	STB1A2MW Sensor Separation Termination Box

Accessories

Qty	Part Number	Description
1	225130-001	Methane Gas Calibration Kit, 50% LFL methane
1	226166-001	Spare 103 L gas cylinder, 50% LFL methane

CATALYTIC

FlexVu UD10 Universal Display - CGS - SIL/FM/CSA/ATEX/IECEX

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP-DCU Emulator	Cond. Board	SIL/FM/CSA/ ATEX/IECEX	FM/CSA/ ATEX/IECEX
UD10A5M25W2C	010254-001	AL	M25	X		CGS		X
UD10A5N25W2C	010254-002	AL	3/4 NPT	X		CGS		X
UD10S5M25W2C	010254-003	316 SS	M25	X		CGS		X
UD10S5N25W2C	010254-004	316 SS	3/4 NPT	X		CGS		X
UD10A5M25T2C	010254-021	AL	M25	X		CGS	X	
UD10A5N25T2C	010254-022	AL	3/4 NPT	X		CGS	X	
UD10S5M25T2C	010254-023	316 SS	M25	X		CGS	X	
UD10S5N25T2C	010254-024	316 SS	3/4 NPT	X		CGS	X	
UD10A5M28W2C	010254-005	AL	M25		X	CGS		X
UD10A5N28W2C	010254-006	AL	3/4 NPT		X	CGS		X
UD10S5M28W2C	010254-007	316 SS	M25		X	CGS		X
UD10S5N28W2C	010254-008	316 SS	3/4 NPT		X	CGS		X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)								

FlexVu UD10 Universal Display - CGS - SIL/Brazil

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP- DCU Emulator	Cond. Board	INMETRO
UD10A5M25B2C	010254-081	AL	M25	X		CGS	X
UD10A5N25B2C	010254-082	AL	3/4 NPT	X		CGS	X
UD10S5M25B2C	010254-083	316 SS	M25	X		CGS	X
UD10S5N25B2C	010254-084	316 SS	3/4 NPT	X		CGS	X
UD10A5N28B2C	010254-086	AL	3/4 NPT		X	CGS	X
UD10S5M28B2C	010254-087	316 SS	M25		X	CGS	X
UD10S5N28B2C	010254-088	316 SS	3/4 NPT		X	CGS	X
UD10S5M25SB2C	010254-093	316SS	M25	X		CGS	X
UD10S5N25SB2C	010254-094	316SS	3/4 NPT	X		CGS	X
UD10A5M25SB2C	010254-095	AL	M25	X		CGS	X
UD10A5N25SB2C	010254-096	AL	3/4 NPT	X		CGS	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)							

FlexVu UD10 Spare Modules

Part Number	Description	Output	Ship Weight
010569-001	UD10 Display Module	Relay/4-20mA	1 lb (0.45 kg)
010535-001	UD10 Display Module	EQP-DCU	1 lb (0.45 kg)

FlexVu UD10 Spare Parts

Part Number	Description	Ship Weight
010973-001	UD10/CGS REPLACEMENT BOARD	<1 lb (<0.45 kg)

CATALYTIC

FlexVu UD10 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
014019-001	Gas Inspector 11 CD	<1 lb (0.45 kg)
014020-001	W6300G1006 Gas Inspector 11 Kit (includes CD)	1 lb (0.45 kg)
102988-002	Plug, 5.0mm, 6 Position - P2	<1 lb (0.45 kg)
102988-026	Plug, 5.0mm, 3 Position - P1 (J10, CGS)	<1 lb (0.45 kg)
102988-028	Plug, 5.0mm, 5 Position - (J3, CGS)	<1 lb (0.45 kg)
103726-002	Plug, 3.5mm, 3 Position - J2	<1 lb (0.45 kg)
103726-004	Plug, 3.5mm, 5 Position - J3	<1 lb (0.45 kg)
103726-011	Plug, 3.5mm, 12 Position - J4	<1 lb (0.45 kg)
000609-033	2" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	<1 lb (0.45 kg)
000609-034	4" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	2.5 lb (1.3 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

FlexVu UD10 Universal Display Repair / Upgrade Kit



FlexVu® UD10 Universal Display Repair / Upgrade Kit

For information on all products related to UD10 Repair/Upgrade Kits, refer to **Gas E.5**.

CGS Combustible Gas Certified Calibration Kits



Combustible Gas Certified Calibration Kits (Spec Sheet: 90-1059) for combustible gas sensors. Kits include sturdy plastic carrying case containing:

- Two 3.6 ft³ (103 liters) cylinders of Class 2.2 non-flammable, non-toxic compressed gas
- Regulator/shutoff valve with gauge, 3-foot tubing and stainless steel CGS calibration cup
- Regulator provides fixed flow rate of 1 liter per minute designed for CGS sensors
- 3-foot tube
- Sturdy plastic carrying case

Calibration Kits for CGS Catalytic Sensor

Part Number	Gas	LFL	% Vol	Standard	Balance	Ship Weight
225130-002	Ethane	50%	1.5	NFPA	Air	11.5 lb (5.23 kg)
225130-902*	Ethane	50%	1.5	NFPA	Air	11.5 lb (5.23 kg)
225130-003	Ethylene	50%	1.35	NFPA	Air	11.5 lb (5.23 kg)
225130-005	Hydrogen	50%	2.0	NFPA	Air	11.5 lb (5.23 kg)
225130-905*	Hydrogen	50%	2.0	NFPA	Air	11.5 lb (5.23 kg)
225130-006	Methane	20%	1.0	NFPA	Air	11.5 lb (5.23 kg)
225130-007	Methane	25%	1.25	NFPA	Air	11.5 lb (5.23 kg)
225130-008	Methane	35%	1.75	NFPA	Air	11.5 lb (5.23 kg)
225130-014	Methane	50%	2.2	IEC	Air	11.5 lb (5.23 kg)
225130-914*	Methane	50%	2.2	IEC	Air	11.5 lb (5.23 kg)
225130-001	Methane	50%	2.5	NFPA	Air	11.5 lb (5.23 kg)
225130-901*	Methane	50%	2.5	NFPA	Air	11.5 lb (5.23 kg)
225130-015	Propane	50%	0.85	IEC	Air	11.5 lb (5.23 kg)
225130-915*	Propane	50%	0.85	IEC	Air	11.5 lb (5.23 kg)
225130-004	Propane	50%	1.1	NFPA	Air	11.5 lb (5.23 kg)
225130-009	Empty kit—no cal gas					10 lb (4.6 kg)

*These items are certified for Russian projects.

NOTE: Average lead time is 2-3 weeks

CATALYTIC

Replacement Gas Cylinders for Combustible Gas Calibration Kits

Part Number	Gas	%LFL	% Vol	Standard	Balance	Ship Weight
226166-006	Zero Air	N/A	20.9	N/A	Nitrogen	1.5 lb (0.7 kg)
226166-002	Ethane	50%	1.5	NFPA	Air	1.5 lb (0.7 kg)
226166-902*	Ethane	50%	1.5	NFPA	Air	1.5 lb (0.7 kg)
226166-003	Ethylene	50%	1.35	NFPA	Air	1.5 lb (0.7 kg)
226166-005	Hydrogen	50%	2.0	NFPA	Air	1.5 lb (0.7 kg)
226166-905*	Hydrogen	50%	2.0	NFPA	Air	1.5 lb (0.7 kg)
226166-007	Methane	20%	1.0	NFPA	Air	1.5 lb (0.7 kg)
226166-008	Methane	25%	1.25	NFPA	Air	1.5 lb (0.7 kg)
226166-009	Methane	35%	1.75	NFPA	Air	1.5 lb (0.7 kg)
226166-014	Methane	50%	2.2	IEC	Air	1.5 lb (0.7 kg)
226166-914*	Methane	50%	2.2	IEC	Air	1.5 lb (0.7 kg)
226166-001	Methane	50%	2.5	NFPA	Air	1.5 lb (0.7 kg)
226166-901*	Methane	50%	2.5	NFPA	Air	1.5 lb (0.7 kg)
226166-015	Propane	50%	0.85	IEC	Air	1.5 lb (0.7 kg)
226166-915*	Propane	50%	0.85	IEC	Air	1.5 lb (0.7 kg)
226166-004	Propane	50%	1.1	NFPA	Air	1.5 lb (0.7 kg)
226166-010	Propylene	50%	1.2	NFPA	Air	1.5 lb (0.7 kg)

*These items are certified for Russian projects.

NOTE: Average lead time is 2-3 weeks

Replacement Kit Replacement Parts

Part Number	Description	Ship Weight
004976-001	Standard calibration cup, SS	8 oz (0.23 kg)
101678-007	Tubing, 3 ft.	8 oz (0.23 kg)
101678-013	Tubing, 100 ft. spool	8 oz (0.23 kg)
162552-001	1 LPM Regulator for CGS sensors	8 oz (0.23 kg)
162553-001	Carrying Case	8 oz (0.23 kg)

CATALYTIC

Duct Mount and Sample Draw Assemblies for CGS



Direct Duct Mount Assembly (Spec Sheet: 90-1046). For mounting combustible sensors to air handling duct work. The Direct Duct Mount CGS assembly enables combustible gas detection in air handling, heating, ventilating, and air conditioning ducts. Designed for flat surface mounting only.

- Seal gaskets provided to prevent leakage
- Circular duct wall cutout required
- Positive pressure ducts only
- Calibration gas inlet enables in-situ calibration
- Flexible conduit/cabling recommended to enable sensor removal from assembly



Model Q811 Duct Mount Enclosure (Manual: 95-8459) The Q811 provides combustible gas detection in air handling, heating, ventilating, and air conditioning ducts.

- Designed for flat surface mounting only
- Stainless steel Type 4X enclosure
- 316 Stainless steel enclosure and sample inlet tube spans the duct's cross section
- 1 foot outlet tube returns the sample
- Requires a 600–4000 fpm velocity



Sample Draw Cup Assembly for CGS. The Sample Draw cup assembly for CGS provides a sealed enclosure with compression fittings to enable the CGS to be used as part of an extractive gas sampling system.

- Aluminum enclosure with seals provides airtight flow chamber
- Brass compression fittings accept 1/4" OD tubing
- Threaded cover enables sensor removal
- Sampling system hardware required for proper operation

Direct Duct Mount Assemblies for CGS

Part Number	Material	Ship Weight
226846-001	AL	6 oz (0.17 kg)
226846-008	SS	1 lb (0.46 kg)

Model Q811 CGS Duct Mount Enclosure

Part Number	Material	Ship Weight	Thread
000811-106	SS	10 lb (4.5 kg)	M20
000811-105	SS	10 lb (4.5 kg)	3/4"

NOTE: 1 inlet and 1 outlet tube included at no extra cost.
Specify length of inlet tube at time of order (1, 3, 6, 10 or 13 ft).

Q811 Spare Parts

Part Number	Description	Length	Material	Ship Weight
000214-281	Inlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
000214-282	Inlet Tube	3 ft (0.9 m)	316 SS	1 lb (0.45 kg)
000214-283	Inlet Tube	6 ft (1.8 m)	316 SS	3 lb (1.35 kg)
000214-284	Inlet Tube	10 ft (3.1 m)	316 SS	6 lb (2.4 kg)
000214-285	Inlet Tube	13 ft (4 m)	316 SS	9 lb (4.0 kg)
000214-419	Inlet Tube	15 ft (4.6 m)	316 SS	11 lb (5.0 kg)
000214-280	Outlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
102359-001	Stopper Plug	N/A	Rubber	<1 lb (<0.45 kg)

Sample Draw Cup Assembly for CGS

Part Number	Material	Ship Weight
009171-001	AL	1 lb (0.45 kg)

CGS Accessories: Rain Shields, Splash Guards, Dust Covers, Remote Calibration Cups



Rain Shields (Spec Sheet: 90-1046) protect combustible sensors from rain and snow.



Splash Guards (Spec Sheet: 90-1046) protect combustible sensors from ingress due to rain or splashing water.



Dust Covers (Spec Sheet: 90-1046) are recommended to protect sensors in windy, dusty, and oily environments. Porex and stainless steel filters available.



Remote Calibration cups provide the means to apply calibration to a CGS gas sensor from a remote location. Tubing not included. Options include barbed fitting or 1/4" compression fitting.

NOTE: Only one accessory recommended to be fitted per catalytic sensor.

Rain Shields

Part Number	Material	Ship Weight
226349-001	AL	6 oz (0.17 kg)

Splash Guard

Part Number	Material	Ship Weight
006491-001	AL	2 lb (0.95 kg)

Dust Covers

Part Number	Material	Ship Weight
225312-001	SS	2 oz (0.06 kg)
226190-001	Porex*	2 oz (0.06 kg)

*Porex not recommended for outdoors or temperatures above 75°C.

Remote Calibration Cups

Part Number	Use	Filter Material	Tube Fitting Type	Ship Weight
225777-001	Indoor	Porex*	Barbed	0.5 lb (0.14 kg)
004996-001	Indoor	Porex*	Compression	0.5 lb (0.14 kg)
006618-001	Outdoor	SS Screen	Barbed	0.5 lb (0.14 kg)
006618-002	Outdoor	SS Screen	Compression	0.5 lb (0.14 kg)

*Porex not recommended for outdoors or temperatures above 75°C.

TOXICS

GTS Toxic Gas Sensor Module (GT3000 Series)



GTS Toxic Gas Sensor Module Housings are incorporated into the GTX toxic gas transmitter. The electrochemical cell is embedded in the module. Refer to Instruction Manual 95-8616 for sensor comparisons and cross-sensitivities.

- Performance approved models
- **Plus (+) series sensors with dual reservoir technology and extended temperature range**
- Sensor modules are available in a variety of gas types and concentration ranges
- Hot-swappable capabilities with the GTX transmitter
- Easy install and removal with the GTX transmitter
- Intrinsically safe (IS) design
- **SIL models available for Hydrogen Sulfide and Oxygen sensors**
- Suitable for outdoor applications requiring IP66 rating
- Electrochemical sensor cell for increased accuracy, stability, and reliability
- Highly specific response reduces the chance of false alarms resulting from the presence of other gases
- Temperature compensated to ensure consistent performance over entire operating temperature range
- Hydrophobic filter easily replaced without opening the device or use of tools
- EMI/RFI hardened
- Event and calibration logs are stored in non-volatile memory and are accessible using a UD10/UD20, HART device, or AMS software.
- FDT/DTM capable
- Real-time clock with battery back-up

GTS Model Matrix

MODEL	DESCRIPTION		
GTS	Toxic Gas Sensor Module		
	TYPE	GAS / RANGE	
	H2S+	Hydrogen Sulfide (certified SIL 2 capable)	
		20P	0 - 20 PPM
		50P	0 - 50 PPM
		100P	0 - 100 PPM
	CL2	Chlorine	
		10P	0 - 10 PPM
	NH3	Ammonia	
		100P	0 - 100 PPM
		500P	0 - 500 PPM
	H2	Hydrogen	
		1000P	0 - 1000 PPM
	O2	Oxygen (certified SIL 2 capable)	
		25V	0 - 25 % by Vol
	CO	Carbon Monoxide	
		100P	0 - 100 PPM
		500P	0 - 500 PPM
	SO2+	Sulfur Dioxide	
		20P	0 - 20 PPM
		100P	0 - 100 PPM
	NO2	Nitrogen Dioxide	
		20P	0 - 20 PPM
		TYPE	SAFETY INTEGRITY LEVEL
		S	SIL 2
		N	NON-SIL
		TYPE	LABEL
		C	CHINESE
		E	ENGLISH
		K	KAZAKH
		P	PORTUGUESE (Brazil)
		TYPE	HOUSING
		S	STANDARD
		E	ENHANCED SHIELDING

GTS Toxic Gas Sensor Module - ENGLISH

Model Number	Part Number	Toxic Gas	ppm Range	% by Volume
GTSH2S+20PSEE ¹	009471-341 ¹	H2S	0-20	
GTSH2S+50PSEE ¹	009471-342 ¹	H2S	0-50	
GTSH2S+100PSES ¹	009471-343 ¹	H2S	0-100	
GTSH2S+100PSEE ¹	009471-344 ¹	H2S	0-100	
GTSCl210PNES ³	009471-304 ³	Cl2	0-10	
GTSNH3100PNES ¹	009471-305 ¹	NH3	0-100	
GTSNH3500PNES ³	009471-306 ³	NH3	0-500	
GTSH21000PNES ³	009471-308 ³	H2	0-1000	
GTSO225VSES ³	009471-309 ³	O2		0-25%
GTSCO100PNES ¹	009471-310 ¹	CO	0-100	
GTSCO500PNES ¹	009471-311 ¹	CO	0-500	
GTSSO2+20PNES ³	009471-313 ³	SO2	0-20	
GTSSO2+100PNES ³	009471-314 ³	SO2	0-100	
GTSNO220PNES ³	009471-316 ³	NO2	0-20	
Ship Weight <1 lb (0.45kg)				

NOTE: Refer to the GT3000 Instruction Manual 95-8616 for details on performance approvals.
Ship weight <1lb (0.45kg)

NOTES:	GTS Approval when paired with appropriate GTX approval type	GTX approval types
1	FM/CSA/IECEX	N
3	CSA/IECEX	N

GTS Toxic Gas Sensor Module - PORTUGUESE (Brazil)

Model Number	Part Number	Toxic Gas	ppm Range	% by Volume
GTSH2S+20PSPE	009471-601	H2S	0-20	
GTSH2S+50PSPE	009471-602	H2S	0-50	
GTSH2S+100PSPE	009471-603	H2S	0-100	
GTSH2S+100PSPS	009471-604	H2S	0-100	
GTSCl210PNPS	009471-605	Cl2	0-10	
GTSNH3100PNPS	009471-606	NH3	0-100	
GTSNH3500PNPS	009471-607	NH3	0-500	
GTSO225VSPS	009471-608	O2		0-25%
GTSCO100PNPS	009471-609	CO	0-100	
GTSCO500PNPS	009471-610	CO	0-500	
GTSH21000PNPS	009471-611	H2	0-1000	
Ship Weight <1 lb (0.45kg)				

NOTE: Refer to the GT3000 Instruction Manual 95-8616 for details on performance approvals.
Ship weight <1lb (0.45kg)

TOXICS

GTS Toxic Gas Sensor Module - KAZAKH

Model Number	Part Number	Toxic Gas	ppm Range	% by Volume
GTSH2S+20PSKE	009471-860	H2S	0-20	
GTSH2S+50PSKE	009471-861	H2S	0-50	
GTSH2S+100PSKE	009471-862	H2S	0-100	
GTSH2S+100PSKS	009471-863	H2S	0-100	

NOTE: Refer to the GT3000 Instruction Manual 95-8616 for details on performance approvals.

GT3000 Spares and Accessories

Part Number	Description
010780-003	GT3000 Remote Calibration Adaptor
009737-001	GTS Calibration cup
009640-001	GTS Replacement Filter
010783-001	GT3000 Remote Calibration Filter
012509-001	Q312 GT3000 Sample Draw
012509-002	Q312 GT3000 Sample Draw with Fittings
009700-001	Magnetic Tool



GT3000 Remote Calibration Adaptor



GTS Calibration Cup



GTS Replacement Filter



Q312 Sample Draw



Magnetic Tool

TOXICS



Model Q912 Duct Mount Enclosure

The Model Q912 Duct Mount Enclosure provides reliable detection of toxic gases within air-handling ductwork. The device mounts directly to the ductwork, and uses a cross-sectional inlet and outlet sampling tube arrangement that allows large volume air sampling. The Q912 is compatible with the entire Det-Tronics GT3000 family of gas detectors, and is suitable for hazardous industrial and commercial applications.

- Stainless steel Type 4X enclosure
- Stainless steel sample inlet tube spans the duct's cross section
- 1, 3, 6, 10 or 13 ft (0.3, 0.9, 1.8, 3.1 or 4 meter) inlet tube options
- 1 ft (0.3 m) outlet tube returns the sample
- Requires a 600–4000 fpm velocity
- Designed for flat surface mounting only

Model Q912 Toxic Duct Mount Enclosure

Part Number	Description*	Detector Conduit	Inlet Tube Length
012513-001	Q912 Duct Mount M25, 1ft inlet	M25	1 ft (0.3m)
012513-003	Q912 Duct Mount M25, 3ft inlet	M25	3 ft (0.9m)
012513-006	Q912 Duct Mount M25, 6ft inlet	M25	6 ft (1.8m)
012513-010	Q912 Duct Mount M25, 10ft inlet	M25	10 ft (3.1m)
012513-013	Q912 Duct Mount M25, 13ft inlet	M25	13 ft (4m)
012514-001	Q912 Duct Mount 3/4", 1ft inlet	3/4"	1 ft (0.3m)
012514-003	Q912 Duct Mount 3/4", 3ft inlet	3/4"	3 ft (0.9m)
012514-006	Q912 Duct Mount 3/4", 6ft inlet	3/4"	6 ft (1.8m)
012514-010	Q912 Duct Mount 3/4", 10ft inlet	3/4"	10 ft (3.1m)
012514-013	Q912 Duct Mount 3/4", 13ft inlet	3/4"	13 ft (4m)
012363-001	Spare Diffuser Insert		

*1 ft outlet tube included with each duct mount.

Model Q912 Spare Parts

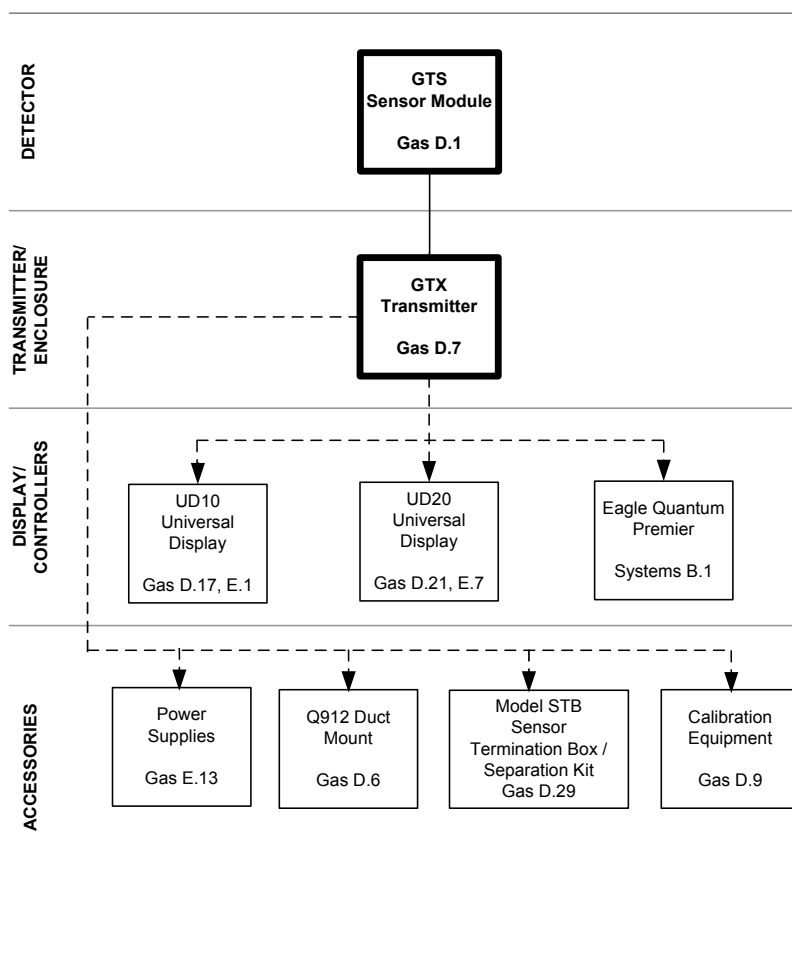
Part Number	Description	Length	Material	Ship Weight
000214-281	Inlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
000214-282	Inlet Tube	3 ft (0.9 m)	316 SS	1 lb (0.45 kg)
000214-283	Inlet Tube	6 ft (1.8 m)	316 SS	3 lb (1.35 kg)
000214-284	Inlet Tube	10 ft (3.1 m)	316 SS	6 lb (2.4 kg)
000214-285	Inlet Tube	13 ft (4 m)	316 SS	9 lb (4.0 kg)
000214-280	Outlet Tube	1 ft (0.3 m)	316 SS	8 oz (0.23 kg)
102359-001	Stopper Plug	N/A	Rubber	<1 lb (<0.45 kg)

GTX Toxic Gas Transmitter (GT3000 Series)



GTX Toxic Gas Transmitter (Spec Sheet: 90-1199). Stainless steel, toxic gas transmitter that provides an accurate measurement of toxic gasses.

- 316 Stainless Steel
- Approved as a stand-alone device when combined with a GTS toxic gas sensor
- 4-20 mA output with HART
- Intrinsically safe (IS) or Explosion-proof design
- IP66 rated
- Certified SIL 2 Capable sensors are Hydrogen Sulfide and Oxygen
- Performance approved and verified
- Self-contained transmitter circuitry
- Event and calibration logs are stored in non-volatile memory and are accessible using a UD10/UD20, HART device, AMS software, or Gas Inspector.
- FDT/DTM capable
- Real-time clock with battery back-up
- Magnetic switch and LEDs for user interface
- 2-wire loop powered



KEY: ————— = Required - - - - - = Option —●— = Choice Required

TOXICS

GTX Model Matrix

MODEL	DESCRIPTION	
GTX	Toxic Gas Transmitter	
	TYPE	MATERIAL
	S	Stainless Steel (316)
	TYPE	THREAD TYPE
	N	3/4" NPT
	M	Metric M25
	TYPE	OUTPUTS
	26	4-20 mA w/HART (3.5 mA fault)
	29	4-20 mA w/HART (2.45 mA fault)
	TYPE	APPROVALS
	B	INMETRO (Brazil)
	K	KAZAKH
	N	FM/CSA/IECEX
	TYPE	CLASSIFICATION (Division/Zone)
	4	Intrinsically Safe
	5	Explosion-proof

GTX Toxic Gas Transmitter (for use with FlexVu models UD10/20, and GDTB)

Model Number	Part Number	Threads	IS	Ex Proof	Approvals
GTXSN26N4	009480-321	3/4 NPT	X		FM/CSA/IECEX
GTXSM26N4	009480-322	M25	X		FM/CSA/IECEX
GTXSN26N5	009480-323	3/4 NPT		X	FM/CSA/IECEX
GTXSM26N5	009480-324	M25		X	FM/CSA/IECEX
GTXSN26B5	009480-305	3/4 NPT		X	INMETRO
GTXSM26B5	009480-306	M25		X	INMETRO
GTXSM26K5	009480-866	M25		X	KAZAKH
Ship Weight: <1lb (<0.45kg)					

NOTE: Refer to the GT3000 Instruction Manual 95-8616 for details on performance approvals.

GT3000 Certified Calibration Kits

GT3000 Certified Calibration Kits (Manual: 95-8643) consists of a sturdy carrying case containing:



Configuration 1

Configuration 1

GT3000 calibration kit with two cylinders of calibration gas

- Two cylinders of Class 2.2 non-flammable, non-toxic compressed gas
- A 1 liter/minute regulator and pressure indicator
- 3-foot tube
- GT3000 Calibration Cup



Configuration 2

Configuration 2

GT3000 calibration kit with one cylinder of calibration gas and one humidifier

- One cylinder of Class 2.2 non-flammable, non-toxic compressed gas
- One humidifier
- A 1 liter/minute regulator and pressure indicator
- 3-foot tube
- GT3000 Calibration Cup

TOXICS

GT3000 Calibration Gas Kits

Part Number	Concentration	Gas	Balance	Cylinders	Humidifier	Ship Weight
010274-001	10 ppm	Hydrogen Sulfide	Nitrogen	2		11.5 lb (5.23 kg)
010274-002	25 ppm	Hydrogen Sulfide	Nitrogen	2		11.5 lb (5.23 kg)
010274-003*	50 ppm	Hydrogen Sulfide	Nitrogen	2		11.5 lb (5.23 kg)
010274-004	5 ppm	Chlorine	Nitrogen	2		11.5 lb (5.23 kg)
010274-005	50 ppm	Ammonia	Nitrogen	2		11.5 lb (5.23 kg)
010274-006	250 ppm	Ammonia	Nitrogen	2		11.5 lb (5.23 kg)
010274-008	500 ppm	Hydrogen	Air	2		11.5 lb (5.23 kg)
010274-009	20.90%	Oxygen	Nitrogen	2		11.5 lb (5.23 kg)
010274-010	50 ppm	Carbon Monoxide	Air	2		11.5 lb (5.23 kg)
010274-011	250 ppm	Carbon Monoxide	Air	2		11.5 lb (5.23 kg)
010274-013	10 ppm	Sulfur Dioxide	Nitrogen	2		11.5 lb (5.23 kg)
010274-014	50 ppm	Sulfur Dioxide	Nitrogen	2		11.5 lb (5.23 kg)
010274-016	10 ppm	Nitrogen Dioxide	Air	2		11.5 lb (5.23 kg)

*Do not use for NTMOS.

GT3000 Calibration Gas Kit Replacement Cylinders

Part Number	Concentration	Gas	Balance	Ship Weight
227117-011	10 ppm	Hydrogen Sulfide	Nitrogen	1.5 lb (0.7 kg)
227117-012	25 ppm	Hydrogen Sulfide	Nitrogen	1.5 lb (0.7 kg)
227117-001*	50 ppm	Hydrogen Sulfide	Nitrogen	1.5 lb (0.7 kg)
227117-006	5 ppm	Chlorine	Nitrogen	1.5 lb (0.7 kg)
227117-013	50 ppm	Ammonia	Nitrogen	1.5 lb (0.7 kg)
227117-019	250 ppm	Ammonia	Nitrogen	1.5 lb (0.7 kg)
227117-018	500 ppm	Hydrogen	Air	1.5 lb (0.7 kg)
226166-006	20.90%	Oxygen	Nitrogen	1.5 lb (0.7 kg)
227117-003	50 ppm	Carbon Monoxide	Air	1.5 lb (0.7 kg)
227117-004	250 ppm	Carbon Monoxide	Air	1.5 lb (0.7 kg)
227117-016	10 ppm	Sulfur Dioxide	Nitrogen	1.5 lb (0.7 kg)
227117-008	50 ppm	Sulfur Dioxide	Nitrogen	1.5 lb (0.7 kg)
227117-010	10 ppm	Nitrogen Dioxide	Air	1.5 lb (0.7 kg)

*Do not use for NTMOS.

GT3000 Calibration Kit Replacement Parts

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
009737-001	GT3000 Calibration Cup	8 oz (0.23 kg)
107427-059	O-ring for Calibration Cup	<1 lb (0.45 kg)
010780-003	GT3000 Remote Calibration Adaptor	<1 lb (0.45 kg)
101678-007	Tubing, 3 ft.	8 oz (0.23 kg)
101678-013	Tubing, 100 ft. spool	8 oz (0.23 kg)
162552-001	Regulator, 1 LPM	8 oz (0.23 kg)
162553-001	Carrying Case	8 oz (0.23 kg)

Model STB Sensor Termination Box / Separation Kit



Model STB Sensor Termination Box / Separation Kit includes a junction box, proper connector board required hardware.

- Enables remote installation of sensor for optimum gas detection while offering easy calibration access to transmitter
- One sensor separation kit per sensor is required
- Optional remote calibration cups must be ordered separately (see CGS Accessories)
- Transmitter Sensor separation wiring terminal block (part number 102883-001) is sold separately
- Temperature approved models from -55°C to 125°C for process control applications

STB Model Matrix

MODEL	DESCRIPTION																										
STB	Sensor Termination Box																										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>COMPATIBILITY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CGS for FlexVu Model UD10, UD30, or CTX10 Transmitter</td> </tr> <tr> <td>5</td> <td>12 terminal</td> </tr> </tbody> </table>	TYPE	COMPATIBILITY	1	CGS for FlexVu Model UD10, UD30, or CTX10 Transmitter	5	12 terminal																				
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TOXICS

Model STB Sensor Termination Boxes / Separation Kits

Model	Part Number	Use With	Material	Ports*	Threads†	FM/CSA/ ATEX/IECEX
STB1A2MW	226365-119	UD10/30/CTX10	AL	2 (L)	M20/M25	X
STB1A2NW	226365-131	UD10/30/CTX10	AL	2 (L)	3/4 NPT	X
STB1A2SW	226365-123	UD10/30/CTX10	AL	2 (ST)	M20	X
STB1A2UW	226365-137	UD10/30/CTX10	AL	2 (ST)	3/4 NPT	X
STB1S2NW	226365-140	UD10/30/CTX10	SS	2 (L)	3/4 NPT	X
STB1S2XW	226365-121	UD10/30/CTX10	SS	2 (L)	M20	X
N/A	102883-001	Spare terminal block for use with Model 505 (included with STB1)				
STB5A2NW	226365-520	12 terminal	AL	2 (L)	3/4/NPT	X
STB5A2YW	226365-510	12 terminal	AL	2 (L)	M25	X
STB5A3NW	226365-521	12 terminal	AL	3 (T)	3/4 NPT	X
STB5A3YW	226365-511	12 terminal	AL	3 (T)	M25	X
STB5A5NW	226365-522	12 terminal	AL	5	3/4 NPT	X
STB5A5YW	226365-512	12 terminal	AL	5	M25	X
STB5A6NW	226365-523	12 terminal	AL	6	3/4 NPT	X
STB5A2YW	226365-513	12 terminal	AL	6	M25	X
STB5S2NW	226365-540	12 terminal	SS	2 (L)	3/4 NPT	X
STB5S2YW	226365-530	12 terminal	SS	2 (L)	M25	X
STB5S3NW	226365-541	12 terminal	SS	3 (T)	3/4 NPT	X
STB5S3YW	226365-531	12 terminal	SS	3 (T)	M25	X
STB5S5NW	226365-542	12 terminal	SS	5	3/4 NPT	X
STB5S5YW	226365-532	12 terminal	SS	5	M25	X
Ship Weight: Aluminum = 2.2lb (1.0kg) Stainless Steel = 3lb (1.4kg)						

* "L" designates 90 degree conduit entry orientation, "ST" designates straight-thru orientation, "T" designates 3-port orientation.

† If two numbers are listed, the first number is for detector entry and the second number is for field cabling.

NOTE: Compatibility Type 5 models approved from -55°C to +125°C for process control applications.

PointWatch Eclipse® PIRECL Infrared Carbon Dioxide (CO₂) Gas Detector



The **PointWatch Eclipse PIRECL Carbon Dioxide Detector** (Spec Sheet: 90-1207) is our rugged stainless steel, point infrared gas detector providing detection of carbon dioxide. Standard signal outputs include isolated 4-20 mA output, HART communication protocol, and RS-485 serial communication supporting Modbus. An optional 2-alarm and 1-fault relay package is available. A tri-color LED provides visual display of operating status. The weather baffle provides excellent optics protection with an easy twist-lock removal. Additional features include:

- Internal wiring compartment saves money and time
- Heated optics
- Non-intrusive calibration
- Handheld communicator capability
- Ex d, e, ib protection designs
- CSA, ATEX, CE, IECEx hazardous location certifications
- DNV type approval - maritime/offshore
- Remote calibration capability using PIRTB
- 0-2%/volume (0-20000) full scale range

TOXICS

PIRECL CO₂ Model Matrix

MODEL	DESCRIPTION										
PIRECL	PointWatch Eclipse Point Infrared CO ₂ Gas Detector										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD TYPE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>3/4" NPT</td> </tr> <tr> <td>B</td> <td>Metric M25</td> </tr> </tbody> </table>	TYPE	THREAD TYPE	A	3/4" NPT	B	Metric M25				
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TYPE	CLASSIFICATION										
1	Division/Zone Ex d e										
2	Division/Zone Ex d										

PointWatch Eclipse PIRECL Infrared CO2 Gas Detector - CSA/IECEX

Model	Part Number	Entry thread type	Output	HART Port	Relays	Weather protection	Div/Zone Ex d e	Div/Zone Ex d	CSA/IECEX
PIRECLA3A1C1	011904-001	3/4 NPT	4-20 mA	X	No	w/ hydrophobic	X		X
PIRECLA3A1C2	011904-041	3/4 NPT	4-20 mA	X	No	w/ hydrophobic		X	X
PIRECLA3B1C2	011904-005	3/4 NPT	4-20 mA	X	Yes	w/ hydrophobic		X	X
PIRECLB3A1C1	011904-002	M25	4-20 mA	X	No	w/ hydrophobic	X		X
PIRECLB3A1C2	011904-045	M25	4-20 mA	X	No	w/ hydrophobic		X	X
PIRECLB3B1C2	011904-006	M25	4-20 mA	X	Yes	w/ hydrophobic		X	X
PIRECLA3D1C1	011906-001	3/4 NPT	4-20 mA		No	w/ hydrophobic	X		X
PIRECLA3D1C2	011906-041	3/4 NPT	4-20 mA		No	w/ hydrophobic		X	X
PIRECLA3E1C2	011906-005	3/4 NPT	4-20 mA		Yes	w/ hydrophobic		X	X
PIRECLB3D1C1	011906-002	M25	4-20 mA		No	w/ hydrophobic	X		X
PIRECLB3D1C2	011906-045	M25	4-20 mA		No	w/ hydrophobic		X	X
PIRECLB3E1C2	011906-006	M25	4-20 mA		Yes	w/ hydrophobic		X	X
Ship Weight: 11.5 lb (5.2 kg)									

PointWatch Eclipse PIRECL Infrared CO2 Gas Detector - ATEX/IECEX

Model	Part Number	Entry thread type	Output	HART Port	Relays	Weather protection	Ex d e	Ex d	ATEX/IECEX
PIRECLA3A1E1	011904-501	3/4 NPT	4-20 mA	X	No	w/ hydrophobic	X		X
PIRECLA3A1E2	011904-541	3/4 NPT	4-20 mA	X	No	w/ hydrophobic		X	X
PIRECLA3B1E2	011904-505	3/4 NPT	4-20 mA	X	Yes	w/ hydrophobic		X	X
PIRECLB3A1E1	011904-502	M25	4-20 mA	X	No	w/ hydrophobic	X		X
PIRECLB3A1E2	011904-545	M25	4-20 mA	X	No	w/ hydrophobic		X	X
PIRECLB3B1E2	011904-506	M25	4-20 mA	X	Yes	w/ hydrophobic		X	X
PIRECLA3D1E1	011906-501	3/4 NPT	4-20 mA		No	w/ hydrophobic	X		X
PIRECLA3D1E2	011906-541	3/4 NPT	4-20 mA		No	w/ hydrophobic		X	X
PIRECLA3E1E2	011906-505	3/4 NPT	4-20 mA		Yes	w/ hydrophobic		X	X
PIRECLB3D1E1	011906-502	M25	4-20 mA		No	w/ hydrophobic	X		X
PIRECLB3D1E2	011906-545	M25	4-20 mA		No	w/ hydrophobic		X	X
PIRECLB3E1E2	011906-506	M25	4-20 mA		Yes	w/ hydrophobic		X	X
Ship Weight: 11.5 lb (5.2 kg)									

TOXICS

PointWatch Eclipse PIRECL Infrared CO₂ Gas Detector - INMETRO (Brazil)

Model	Part Number	Entry thread type	Output	HART Port	Relays	Weather protection	Ex d e	Ex d
PIRECLA3A1B2	011904-020	3/4 NPT	4-20 mA	X	No	w/ hydrophobic		X
PIRECLA3D1B2	011906-020	3/4 NPT	4-20 mA		No	w/ hydrophobic		X
PIRECLB3A1B1	011904-007	M25	4-20 mA	X	No	w/ hydrophobic	X	
Ship Weight: 11.5 lb (5.2 kg)								

PIRECL CO₂ Calibration Kit

Part Number	Gas	Symbol	% Vol	PPM	Balance	Volume (liters)	Ship Weight
006468-017	Carbon Dioxide	CO2	1	10000	N2	103	11.5 lb (5.23 kg)
	Nitrogen	N2	100	Pure	N/A	103	

PIRECL CO₂ Kit Replacement Cylinders

Part Number	Gas	Symbol	% Vol	PPM	Balance	Volume (liters)	Ship Weight
227117-020	Carbon Dioxide	CO2	1	10000	N2	103	1 lb (0.45 kg)
227117-022	Nitrogen	N2	100	Pure	N/A	103	1 lb (0.45 kg)

FlexVu® UD10 Universal Display (for Toxics)



FlexVu UD10 Universal Display (Spec Sheet: 90-1200) is recommended for applications where a gas detector with digital read-out of detected gas levels are required. The FlexVu UD10 Universal Display Unit is designed for use with various Det-Tronics toxic gas sensor/transmitters such as GT3000, NTMOS or C706x. The display unit is designed and approved as a stand-alone controller and performs all the functions of a gas controller.

- Compliance to ISA-92.0.01 Part 1 performance standard
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- DNV type approval - maritime/offshore
- Eagle Quantum Premier model
- Universal design supports a variety of Det-Tronics sensors/detectors
- Non-intrusive menu allows device configuration and calibration without de-classifying the hazardous area
- **Continuously displays gas level, gas type, and units measured**
- Data logger for event time and date stamping
- Heated backlit display
- Relay, modbus, and linear isolated/non-isolated 4-20 mA output with HART, **configurable 4-20 mA output loop monitoring**
- IP66 rated

FlexVu UD10 Model Matrix

MODEL	DESCRIPTION	
UD10	Universal Display Unit	
	TYPE	MATERIAL
	A	Aluminum
	S	Stainless Steel (316)
	TYPE	THREAD TYPE
	5M	5 Port, Metric M25
	5N	5 Port, 3/4" NPT
	TYPE	OUTPUTS
	25	Relay, 4-20mA, RS485, HART
	28	EQP / DCU Emulator
	TYPE	APPROVALS*
	B	INMETRO (BRAZIL)
	S	SIL
	T	SIL/FM/CSA/ATEX/IECEX
	W	FM/CSA/ATEX/IECEX
	TYPE	CLASSIFICATION (Div/Zone)
	2	Ex d (Flameproof)

* Type Approvals can use one or more letters to designate the approvals of the product.

TOXICS

FlexVu UD10 Universal Display - Toxics

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP-DCU Emulator	Cond. Board	FM/CSA/ATEX/IECEX	SIL 2
UD10A5M25T2	010765-001	AL	M25	X			X	X
UD10A5N25T2	010765-002	AL	3/4 NPT	X			X	X
UD10S5M25T2	010765-003	316 SS	M25	X			X	X
UD10S5N25T2	010765-004	316 SS	3/4 NPT	X			X	X
UD10A5M28W2	010765-005	AL	M25		X		X	
UD10A5N28W2	010765-006	AL	3/4 NPT		X		X	
UD10S5M28W2	010765-007	316 SS	M25		X		X	
UD10S5N28W2	010765-008	316 SS	3/4 NPT		X		X	
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)								

FlexVu UD10 Universal Display - Toxics - Brazil

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP-DCU Emulator	Cond. Board	INMETRO	SIL 2
UD10A5M25SB2	010765-081	AL	M25	X			X	X
UD10A5N25SB2	010765-082	AL	3/4 NPT	X			X	X
UD10S5M25SB2	010765-083	316 SS	M25	X			X	X
UD10S5N25SB2	010765-084	316 SS	3/4 NPT	X			X	X
UD10A5N28B2	010765-086	AL	3/4 NPT		X		X	
UD10S5M28B2	010765-087	316 SS	M25		X		X	
UD10S5N28B2	010765-088	316 SS	3/4 NPT		X		X	
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)								

FlexVu UD10 Spare Modules

Part Number	Description	Output	Ship Weight
010569-001	UD10 Display Module	Relay/4-20mA	1 lb (0.45 kg)
010535-001	UD10 Display Module	EQP-DCU	1 lb (0.45 kg)

FlexVu UD10 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
014019-001	Gas Inspector 11 CD	<1 lb (0.45 kg)
014020-001	W6300G1006 Gas Inspector 11 Kit (includes CD)	1 lb (0.45 kg)
102988-002	Plug, 5.0mm, 6 Position - P2	<1 lb (0.45 kg)
102988-026	Plug, 5.0mm, 3 Position - P1 (J10, CGS)	<1 lb (0.45 kg)
102988-028	Plug, 5.0mm, 5 Position - (J3, CGS)	<1 lb (0.45 kg)
103726-002	Plug, 3.5mm, 3 Position - J2	<1 lb (0.45 kg)
103726-004	Plug, 3.5mm, 5 Position - J3	<1 lb (0.45 kg)
103726-011	Plug, 3.5mm, 12 Position - J4	<1 lb (0.45 kg)
000609-033	2" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	<1 lb (0.45 kg)
000609-034	4" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	2.5 lb (1.3 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

FlexVu® UD20 Universal Display



FlexVu UD20 Universal Display (Spec Sheet: 90-1201 - Explosion-proof Model, 90-1205 - Intrinsically Safe Model) supports the GT3000 Series toxic gas detectors.

- Compliance to ANSI/ISA-60079-11 and ISA-92.0.01 Part 1 performance standard
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- LCD display
- Non-intrusive automatic calibration
- Non-intrusive menu system
- Pass-through 4-20 mA output, HART
- Explosion-proof design
- IP66 rated
- **2 wire loop powered**
- **Certified Non-Interfering with GT3000 SIL model**

FlexVu UD20 Model Matrix

MODEL	DESCRIPTION						
UD20	Universal Display Unit						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum</td> </tr> <tr> <td>S</td> <td>Stainless Steel (316)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum	S	Stainless Steel (316)
TYPE	MATERIAL						
A	Aluminum						
S	Stainless Steel (316)						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD TYPE</th> </tr> </thead> <tbody> <tr> <td>5M</td> <td>5 Port, Metric M25</td> </tr> <tr> <td>5N</td> <td>5 Port, 3/4" NPT</td> </tr> </tbody> </table>	TYPE	THREAD TYPE	5M	5 Port, Metric M25	5N	5 Port, 3/4" NPT
TYPE	THREAD TYPE						
5M	5 Port, Metric M25						
5N	5 Port, 3/4" NPT						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>OUTPUTS</th> </tr> </thead> <tbody> <tr> <td>26</td> <td>Pass-Through 4-20mA, HART</td> </tr> </tbody> </table>	TYPE	OUTPUTS	26	Pass-Through 4-20mA, HART		
TYPE	OUTPUTS						
26	Pass-Through 4-20mA, HART						
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TYPE	APPROVALS						
B	INMETRO (BRAZIL)						
W	FM/CSA/ATEX/IECEx						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>CLASSIFICATION (Div/Zone)</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Ex d (Flameproof)</td> </tr> <tr> <td>4</td> <td>Ex ia (intrinsically safe)</td> </tr> </tbody> </table>	TYPE	CLASSIFICATION (Div/Zone)	2	Ex d (Flameproof)	4	Ex ia (intrinsically safe)
TYPE	CLASSIFICATION (Div/Zone)						
2	Ex d (Flameproof)						
4	Ex ia (intrinsically safe)						

FlexVu UD20 Universal Display - FM/CSA/ATEX/IECEx

Model	Part Number	Material	Threads	Pass-Through 4-20 HART	Ex d	Ex ia	FM/CSA/ATEX/IECEx
UD20A5M26W2	009791-001	AL	M25	X	X		X
UD20A5N26W2	009791-002	AL	3/4 NPT	X	X		X
UD20S5M26W2	009791-003	316 SS	M25	X	X		X
UD20S5N26W2	009791-004	316 SS	3/4 NPT	X	X		X
UD20A5M26W4	009791-005*	AL	M25	X		X	X
UD20A5N26W4	009791-006*	AL	3/4 NPT	X		X	X
UD20S5M26W4	009791-007*	SS	M25	X		X	X
UD20S5N26W4	009791-008*	SS	3/4 NPT	X		X	X

Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)

* Check with the factory for product availability

TOXICS

FlexVu UD20 Universal Display - Brazil

Model	Part Number	Material	Threads	Pass-Through 4-20 HART	Ex d	INMETRO
UD20A5M26B2	009791-081	AL	M25	X	X	X
UD20A5N26B2	009791-082	AL	3/4 NPT	X	X	X
UD20S5M26B2	009791-083	316 SS	M25	X	X	X
UD20S5N26B2	009791-084	316 SS	3/4 NPT	X	X	X

Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)

FlexVu UD20 Spares

Part Number	Description	Pass-Through 4-20 / HART	Ship Weight
009793-002	UD20 Display Module	X	1 lb (0.45 kg)

FlexVu UD20 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
010253-001	Kit, 250Ω Terminating Resistor	<1 lb (0.45 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

TOXICS

Model STB Sensor Termination Box and Separation Kit



Model STB Series Sensor Termination Box / Separation Kit (Manual: 95-8655) includes a junction box, proper connector board, required hardware to enable proper mounting, and wiring of models GT3000 or any 4-20 mA device.

- Enables remote installation of sensor for optimum gas detection while offering easy calibration access to FlexVu UD10
- One Sensor Termination Box per sensor is required

STB Model Matrix

MODEL	DESCRIPTION										
STB	Sensor Termination Box										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>COMPATIBILITY</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>6 Terminal (for use with GT3000)</td> </tr> </tbody> </table>	TYPE	COMPATIBILITY	7	6 Terminal (for use with GT3000)						
TYPE	COMPATIBILITY										
7	6 Terminal (for use with GT3000)										
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TYPE	# OF PORTS, THREAD TYPE										
2M	2 PORT, M20/25 at 90 degree orientation										
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5N	5 PORT, 3/4" NPT										
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TYPE	APPROVALS										
B	INMETRO (BRAZIL)										
W	FM/CSA/ATEX/IECEX										

Model STB Sensor Termination Boxes / Separation Kits

Model	Part Number	Use With	Material	Ports*	Threads†	FM/CSA/ ATEX/ IECEX	INMETRO
STB7A5YW	226365-601	GT3000/NTMOS	AL	5	M25	X	
STB7A5NW	226365-602	GT3000/NTMOS	AL	5	3/4 NPT	X	
STB7S5YW	226365-603	GT3000/NTMOS	SS	5	M25	X	
STB7S5NW	226365-604	GT3000/NTMOS	SS	5	3/4 NPT	X	
STB7A2NW	226365-605	GT3000/NTMOS	AL	2	3/4 NPT	X	
STB7A5NB	226365-606	GT3000/NTMOS	AL	5	3/4 NPT		X
STB7S5NB	226365-607	GT3000/NTMOS	SS	5	3/4 NPT		X
Ship Weight: Aluminum = 2.2lb (1.0kg) Stainless Steel = 3lb (1.4kg)							

*"L" designates 90 degree conduit entry orientation, "ST" designates straight-thru orientation, "T" designates 3-port orientation

†If two numbers are listed, the first number is for detector entry and the second number is for field cabling

DISPLAYS AND CONTROLLERS

FlexVu® UD10 Universal Display



FlexVu UD10 Universal Display (Spec Sheet: 90-1200) is recommended for applications that require a gas detector with digital read-out of detected gas levels. The FlexVu UD10 Universal Display Unit is designed for use with various Det-Tronics gas sensor/transmitters. The display unit is designed and approved as a stand-alone device and performs all the functions of a gas controller.

- Compliance to ANSI/ISA-12.13.01-2000 performance standard
- Compliance to ISA-92.0.01 Part 1 performance standard
- Performance certified to FM 6320, CSA 22.2 #152, EN60079-29-1, and IEC60079-29-1
- Approved as a stand-alone combustible gas and low concentration toxic controller, when using the relay contacts
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- Eagle Quantum Premier Model/DCU
- Universal design supports a variety of Det-Tronics sensors/detectors
- Non-intrusive menu allows device configuration and calibration without de-classifying the hazardous area
- Continuously displays gas level, gas type, and units measured
- Data logger for event time and date stamping
- Heated and backlit display
- Relay, modbus, and linear isolated/non-isolated 4-20 mA output with HART, configurable 4-20 mA output loop monitoring
- IP66 rated

FlexVu UD10 Model Matrix

MODEL	DESCRIPTION										
UD10	Universal Display Unit										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum</td> </tr> <tr> <td>S</td> <td>Stainless Steel (316)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum	S	Stainless Steel (316)				
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A	Aluminum										
S	Stainless Steel (316)										
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD TYPE</th> </tr> </thead> <tbody> <tr> <td>5M</td> <td>5 Port, Metric M25</td> </tr> <tr> <td>5N</td> <td>5 Port, 3/4" NPT</td> </tr> </tbody> </table>	TYPE	THREAD TYPE	5M	5 Port, Metric M25	5N	5 Port, 3/4" NPT				
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TYPE	APPROVALS*										
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S	SIL										
T	SIL/FM/CSA/ATEX/IECEX										
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TYPE	OPTIONAL CONDITIONING BOARD										
(Blank)	None										
C	CGS										

* Type Approvals can use one or more letters to designate the approvals of the product.

FlexVu UD10 Universal Display - FM/CSA/ATEX/IECEX

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP/DCU Emulator	Cond. Board	FM/CSA/ATEX/IECEX	SIL 2
UD10A5M25T2	010765-001	AL	M25	X			X	X
UD10A5N25T2	010765-002	AL	3/4 NPT	X			X	X
UD10S5M25T2	010765-003	316 SS	M25	X			X	X
UD10S5N25T2	010765-004	316 SS	3/4 NPT	X			X	X
UD10A5M28W2	010765-005	AL	M25		X		X	
UD10A5N28W2	010765-006	AL	3/4 NPT		X		X	
UD10S5M28W2	010765-007	316 SS	M25		X		X	
UD10S5N28W2	010765-008	316 SS	3/4 NPT		X		X	
UD10A5M25W2C	010254-001	AL	M25	X		CGS	X	
UD10A5N25W2C	010254-002	AL	3/4 NPT	X		CGS	X	
UD10S5M25W2C	010254-003	316 SS	M25	X		CGS	X	
UD10S5N25W2C	010254-004	316 SS	3/4 NPT	X		CGS	X	
UD10A5M28W2C	010254-005	AL	M25		X	CGS	X	
UD10A5N28W2C	010254-006	AL	3/4 NPT		X	CGS	X	
UD10S5M28W2C	010254-007	316 SS	M25		X	CGS	X	
UD10S5N28W2C	010254-008	316 SS	3/4 NPT		X	CGS	X	

Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)

DISPLAYS AND CONTROLLERS

FlexVu UD10 Universal Display - Brazil

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP/DCU Emulator	Cond. Board	INMETRO	SIL 2
UD10A5M25SB2	010765-081	AL	M25	X			X	X
UD10A5N25SB2	010765-082	AL	3/4 NPT	X			X	X
UD10S5M25SB2	010765-083	316 SS	M25	X			X	X
UD10S5N25SB2	010765-084	316 SS	3/4 NPT	X			X	X
UD10A5N28B2	010765-086	AL	3/4 NPT		X		X	
UD10S5M28B2	010765-087	316 SS	M25		X		X	
UD10S5N28B2	010765-088	316 SS	3/4 NPT		X		X	
UD10A5M25B2C	010254-081	AL	M25	X		CGS	X	
UD10A5N25B2C	010254-082	AL	3/4 NPT	X		CGS	X	
UD10S5M25B2C	010254-083	316 SS	M25	X		CGS	X	
UD10S5N25B2C	010254-084	316 SS	3/4 NPT	X		CGS	X	
UD10A5N28B2C	010254-086	AL	3/4 NPT		X	CGS	X	
UD10S5M28B2C	010254-087	316 SS	M25		X	CGS	X	
UD10S5N28B2C	010254-088	316 SS	3/4 NPT		X	CGS	X	
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)								

FlexVu UD10 Spare Modules

Part Number	Description	Output	Ship Weight
010569-001	UD10 Display Module	Relay/4-20mA	1 lb (0.45 kg)
010535-001	UD10 Display Module	EQP-DCU	1 lb (0.45 kg)

FlexVu UD10 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
014019-001	Gas Inspector 11 CD	<1 lb (0.45 kg)
014020-001	W6300G1006 Gas Inspector 11 Kit (includes CD)	1 lb (0.45 kg)
102988-002	Plug, 5.0mm, 6 Position - P2	<1 lb (0.45 kg)
102988-026	Plug, 5.0mm, 3 Position - P1 (J10, CGS)	<1 lb (0.45 kg)
102988-028	Plug, 5.0mm, 5 Position - (J3, CGS)	<1 lb (0.45 kg)
103726-002	Plug, 3.5mm, 3 Position - J2	<1 lb (0.45 kg)
103726-004	Plug, 3.5mm, 5 Position - J3	<1 lb (0.45 kg)
103726-011	Plug, 3.5mm, 12 Position - J4	<1 lb (0.45 kg)
000609-033	2" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	<1 lb (0.45 kg)
000609-034	4" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	2.5 lb (1.3 kg)

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer

DISPLAYS AND CONTROLLERS



FlexVu® UD10 Universal Display Repair / Upgrade Kit

(Technical Bulletin: 76-1046) The UD10 Repair/Upgrade Kit allows field conversion of an existing U9500 Infiniti® Transmitter, Model 505 Transmitter, or Eagle Quantum Premier® Digital Communication Unit (DCU) to a FlexVu® UD10 Universal Display. The existing junction box base, along with the existing conduit and field wiring, can be left in place and do not need to be replaced.

FlexVu UD10 Upgrade Kit

Model	Part Number	Material	Threads	Relay 4-20 RS485 HART	EQP/ DCU Emulator	Cond. Board	FM/ CSA/ ATEX/ IECEX	SIL 2
UPGRADE KIT UD10A5M25T2	010970-001	AL	M25	X			X	X
UPGRADE KIT UD10A5N25T2	010970-002	AL	3/4 NPT	X			X	X
UPGRADE KIT UD10S5M25T2	010970-003	316 SS	M25	X			X	X
UPGRADE KIT UD10S5N25T2	010970-004	316 SS	3/4 NPT	X			X	X
UPGRADE KIT UD10A5M28W2	010970-005	AL	M25		X		X	
UPGRADE KIT UD10A5N28W2	010970-006	AL	3/4 NPT		X		X	
UPGRADE KIT UD10S5M28W2	010970-007	316 SS	M25		X		X	
UPGRADE KIT UD10S5N28W2	010970-008	316 SS	3/4 NPT		X		X	
UPGRADE KIT UD10S5N25W2C	010971-004	316 SS	3/4 NPT	X		CGS	X	
UPGRADE KIT UD10A5M28W2C	010971-005	AL	M25		X	CGS	X	
UPGRADE KIT UD10A5N28W2C	010971-006	AL	3/4 NPT		X	CGS	X	
UPGRADE KIT UD10S5M28W2C	010971-007	316 SS	M25		X	CGS	X	
UPGRADE KIT UD10S5N28W2C	010971-008	316 SS	3/4 NPT		X	CGS	X	
UPGRADE KIT UD10A5M25T2C	010971-011	AL	M25	X		CGS	X	X
UPGRADE KIT UD10A5N25T2C	010971-012	AL	3/4/NPT	X		CGS	X	X
UPGRADE KIT UD10S5M25T2C	010971-013	316 SS	M25	X		CGS	X	X
UPGRADE KIT UD10S5N25T2C	010971-014	316 SS	3/4 NPT	X		CGS	X	X

Ship Weight: Aluminum = 3.5 lb (1.6 kg) Stainless Steel = 8.7 lb (3.9 kg)

DISPLAYS AND CONTROLLERS

FlexVu® UD20 Universal Display



FlexVu UD20 Universal Display (Spec Sheet: 90-1201 - Explosion-proof Model, 90-1205 - Intrinsically Safe Model) supports the GT3000 Series toxic gas detectors, and the PIRECL series combustible gas detectors.

- Compliance to ANSI/ISA-60079-11 and ISA-92.0.01 Part 1 performance standard
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- LCD display
- Non-intrusive automatic calibration
- Non-intrusive menu system
- Linear 4-20 mA output with HART
- Explosion-proof design
- IP66 rated
- **2 wire loop powered**
- **Certified Non-Interfering with GT3000 SIL model and PIRECL SIL models**

FlexVu UD20 Model Matrix

MODEL	DESCRIPTION						
UD20	Universal Display Unit						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Aluminum</td> </tr> <tr> <td>S</td> <td>Stainless Steel (316)</td> </tr> </tbody> </table>	TYPE	MATERIAL	A	Aluminum	S	Stainless Steel (316)
TYPE	MATERIAL						
A	Aluminum						
S	Stainless Steel (316)						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD TYPE</th> </tr> </thead> <tbody> <tr> <td>5M</td> <td>5 Port, Metric M25</td> </tr> <tr> <td>5N</td> <td>5 Port, 3/4" NPT</td> </tr> </tbody> </table>	TYPE	THREAD TYPE	5M	5 Port, Metric M25	5N	5 Port, 3/4" NPT
TYPE	THREAD TYPE						
5M	5 Port, Metric M25						
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TYPE	APPROVALS						
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W	FM/CSA/ATEX/IECEx						
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TYPE	CLASSIFICATION (Div/Zone)						
2	Ex d (Flameproof)						
4	Ex ia (intrinsically safe)						

FlexVu UD20 Universal Display - FM/CSA/ATEX/IECEx

Model	Part Number	Material	Threads	Pass-Through 4-20 HART	Ex d	Ex ia	FM/CSA/ATEX/IECEx
UD20A5M26W2	009791-001	AL	M25	X	X		X
UD20A5N26W2	009791-002	AL	3/4 NPT	X	X		X
UD20S5M26W2	009791-003	316 SS	M25	X	X		X
UD20S5N26W2	009791-004	316 SS	3/4 NPT	X	X		X
UD20A5M26W4	009791-005*	AL	M25	X		X	X
UD20A5N26W4	009791-006*	AL	3/4 NPT	X		X	X
UD20S5M26W4	009791-007*	SS	M25	X		X	X
UD20S5N26W4	009791-008*	SS	3/4 NPT	X		X	X

Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)

* Check with the factory for product availability

FlexVu UD20 Universal Display - Brazil

Model	Part Number	Material	Threads	Pass-Through 4-20 HART	Ex d	INMETRO
UD20A5M26B2	009791-081	AL	M25	X	X	X
UD20A5N26B2	009791-082	AL	3/4 NPT	X	X	X
UD20S5M26B2	009791-083	316 SS	M25	X	X	X
UD20S5N26B2	009791-084	316 SS	3/4 NPT	X	X	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

FlexVu UD20 Spares

Part Number	Description	Pass-Through 4-20 / HART	Ship Weight
009793-002	UD20 Display Module	X	1 lb (0.45 kg)

FlexVu UD20 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
010253-001	Kit, 250Ω Terminating Resistor	<1 lb (0.45 kg)
000609-033	2" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	<1 lb (0.45 kg)
000609-034	4" Pipe Mt U Bolt Kit,SS - UD10/20 & J Box, Incl. Hdw.	2.5 lb (1.3 kg)

DISPLAYS AND CONTROLLERS

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

FlexVu® UD30 Universal Display



FlexVu UD30 Model ((90-1231-Specifications) is recommended for applications that require a gas detector with digital readout of detected gas levels as well as pass-through 0–20 mA and relay outputs. The UD30 is designed for use with Det-Tronics gas detectors such as the GT3000, PIRECL, PIR9400, CGS, ATX10, PIRDUCT, or LS2000, as well as generic linear 4–20 mA sensors. The display unit is designed and approved as a “stand alone” device and can perform functions of a gas controller.

Gas concentration, gas type, and units of measurement (%v/v, %LFL, ppm, etc.) are indicated on the digital display. Access to the local event logs and other display capabilities, such as calibration, is accomplished through four (4) magnetic buttons around the display.

Features:

- Universal design supports multiple Det-Tronics sensors or generic linear 4–20 mA sensors
- Local digital LCD continuously indicates gas level, gas type and units measured
- Backlit and heated display
- Non-intrusive calibration
- Rugged construction approved for use in classified hazardous areas
- Available in 316 stainless steel (shown) and black epoxy aluminum
- Internal magnetic switches provide a non-intrusive user interface which allows device configuration without de-classifying hazardous areas
- SIL 2 models certified to IEC61508 by exida®
- Logs provided for analysis and management include:
 - o Event: Include fault and alarm logs with runtime hours
 - o Calibration: With runtime hours
 - o Temperature: Two sets of minimum and maximum temperature logs with runtime hours

UD30 Model Matrix

MODEL	DESCRIPTION						
UD30	FlexVu® UD30 Universal Display						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>DETECTOR HOUSING MATERIAL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>ALUMINUM (STANDARD)</td> </tr> <tr> <td>S</td> <td>STAINLESS STEEL</td> </tr> </tbody> </table>	TYPE	DETECTOR HOUSING MATERIAL	A	ALUMINUM (STANDARD)	S	STAINLESS STEEL
TYPE	DETECTOR HOUSING MATERIAL						
A	ALUMINUM (STANDARD)						
S	STAINLESS STEEL						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>PORT</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>3 Port, T-Configuration (STANDARD)</td> </tr> </tbody> </table>	TYPE	PORT	3	3 Port, T-Configuration (STANDARD)		
TYPE	PORT						
3	3 Port, T-Configuration (STANDARD)						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>THREAD</th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Metric M20</td> </tr> <tr> <td>N</td> <td>3/4" NPT</td> </tr> </tbody> </table>	TYPE	THREAD	F	Metric M20	N	3/4" NPT
TYPE	THREAD						
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	<table border="1"> <thead> <tr> <th>TYPE</th> <th>OUTPUT</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>4-20 mA Pass-Through* / HART Pass-Through*</td> </tr> <tr> <td>13</td> <td>Relay, 4-20 mA Pass-Through* / HART Pass-Through*</td> </tr> </tbody> </table>	TYPE	OUTPUT	12	4-20 mA Pass-Through* / HART Pass-Through*	13	Relay, 4-20 mA Pass-Through* / HART Pass-Through*
TYPE	OUTPUT						
12	4-20 mA Pass-Through* / HART Pass-Through*						
13	Relay, 4-20 mA Pass-Through* / HART Pass-Through*						
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TYPE	OPTIONAL CONDITIONING BOARD						
C	CGS						

* The UD30 does not communicate via HART but will pass through, without interference, any HART signals present on the 4-20mA line. *The UD30 also passes through the 4-20mA detector input to the UD30 4-20mA output terminals.

** Type Approvals can use one or more letters to designate the approvals of the product.

DISPLAYS AND CONTROLLERS

FlexVu UD30 Universal Display - 3 port

Model	Part Number	Material	Threads	0-20mA	Relay, 0-20mA	FM/CSA	ATEX/IECEX	SIL 2
UD30A3N12SA2	014023-011	AL	3/4 NPT	X		X		X
UD30A3N12SE2	014023-012	AL	3/4 NPT	X			X	X
UD30A3N13SA2	014023-013	AL	3/4 NPT		X	X		X
UD30A3N13SE2	014023-014	AL	3/4 NPT		X		X	X
UD30A3F12SA2	014023-015	AL	M20	X		X		X
UD30A3F12SE2	014023-016	AL	M20	X			X	X
UD30A3F13SA2	014023-017	AL	M20		X	X		X
UD30A3F13SE2	014023-018	AL	M20		X		X	X
UD30S3N12SA2	014029-011	316 SS	3/4 NPT	X		X		X
UD30S3N12SE2	014029-012	316 SS	3/4 NPT	X			X	X
UD30S3N13SA2	014029-013	316 SS	3/4 NPT		X	X		X
UD30S3N13SE2	014029-014	316 SS	3/4 NPT		X		X	X
UD30S3F12SA2	014029-015	316 SS	M20	X		X		X
UD30S3F12SE2	014029-016	316 SS	M20	X			X	X
UD30S3F13SA2	014029-017	316 SS	M20		X	X		X
UD30S3F13SE2	014029-018	316 SS	M20		X		X	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 13lb (5.9kg)								

FlexVu UD30 Universal Display - CGS - 3 port

Model	Part Number	Material	Threads	0-20mA	Relay, 0-20mA	FM/CSA	ATEX/IECEX	SIL 2
UD30A3N12SA2C	014191-001	AL	3/4 NPT	X		X		X
UD30A3N12SE2C	014191-002	AL	3/4 NPT	X			X	X
UD30A3N13SA2C	014191-003	AL	3/4 NPT		X	X		X
UD30A3N13SE2C	014191-004	AL	3/4 NPT		X		X	X
UD30A3F12SA2C	014191-005	AL	M20	X		X		X
UD30A3F12SE2C	014191-006	AL	M20	X			X	X
UD30A3F13SA2C	014191-007	AL	M20		X	X		X
UD30A3F13SE2C	014191-008	AL	M20		X		X	X
UD30S3N12SA2C	014192-001	316 SS	3/4 NPT	X		X		X
UD30S3N12SE2C	014192-002	316 SS	3/4 NPT	X			X	X
UD30S3N13SA2C	014192-003	316 SS	3/4 NPT		X	X		X
UD30S3N13SE2C	014192-004	316 SS	3/4 NPT		X		X	X
UD30S3F12SA2C	014192-005	316 SS	M20	X		X		X
UD30S3F12SE2C	014192-006	316 SS	M20	X			X	X
UD30S3F13SA2C	014192-007	316 SS	M20		X	X		X
UD30S3F13SE2C	014192-008	316 SS	M20		X		X	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 13lb (5.9kg)								

DISPLAYS AND CONTROLLERS

FlexVu UD30 Universal Display - INMETRO - 3 port

Model	Part Number	Material	Threads	0-20mA	Relay, 0-20mA	Cond. Board	INMETRO	SIL 2
UD30S3N12SB2	014029-211	Stainless Steel	3/4" NPT	X			X	X
UD30A3N12SB2	014023-211	Aluminum	3/4" NPT	X			X	X
UD30S3N13SB2	014029-213	Stainless Steel	3/4" NPT		X		X	X
UD30A3N13SB2	014023-213	Aluminum	3/4" NPT		X		X	X
UD30S3N12SB2C	014192-201	Stainless Steel	3/4" NPT	X		CGS	X	X
UD30A3N12SB2C	014191-201	Aluminum	3/4" NPT	X		CGS	X	X
UD30S3N13SB2C	014192-203	Stainless Steel	3/4" NPT		X	CGS	X	X
UD30A3N13SB2C	014191-203	Aluminum	3/4" NPT		X	CGS	X	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 13lb (5.9kg)								

FlexVu UD30 Spare Modules

Part Number	Description	Output	Ship Weight
014028-001	UD30 DISPLAY MODULE	0-20mA	1 lb (0.45 kg)
014028-002	UD30 DISPLAY MODULE WITH RELAYS	Relay/0-20mA	1 lb (0.45 kg)

FlexVu UD30 CGS Replacement Parts

Part Number	Description	Ship Weight
014560-001	UD30 TO UD30CGS CONVERSION KIT	<1 lb (<0.45 kg)

FlexVu UD30 Accessories

Part Number	Description	Ship Weight
014128-001	U-MOUNT FOR UD30 4" POLE	1 lb (0.45 kg)
014128-002	U-MOUNT FOR UD30 2" POLE	0.75 lb (0.3 kg)
014123-001	SUN SHADE, UD10, UD30	5 lbs (2.27 kg)
014064-001	KIT, UD30 TO U9500 ADAPTER PLT	1.75 lb (0.8 kg)

FlexVu UD30 Spare Terminal Plugs

Part Number	Description	For Use With	Ship Weight (kg)	
104486-005	PLUG EURO 5MM RGHT ANG 5POS	UD30 Display J6 - Sensor Plug	<1 lb	(<0.45)
104486-007	PLUG EURO 5MM RGHT ANG 7POS	UD30 Display J5 - Main Plug	<1 lb	(<0.45)
104486-009	PLUG EURO 5MM RGHT ANG 9POS	UD30 Display J1 - Relay Board	<1 lb	(<0.45)
102988-028	PLUG,VERT.,W/CLIP,5.0MM, 5 POS	CTX / UD30 CGS Board - J1	<1 lb	(<0.45)
102988-026	PLUG,VERT.,W/CLIP,5.0MM, 3 POS	CTX / UD30 CGS Board - J3	<1 lb	(<0.45)
103725-002	HEADER VERT.,3.5MM,3-PIN	CTX / UD30 CGS Board - J2	<1 lb	(<0.45)

DISPLAYS AND CONTROLLERS

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS

*TYPE 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

Power Supplies



EQP21XXPS Power Supplies can be used as singular or duplex. The power supply is available in a DIN rail mount or panel mount configuration for ease of mounting. Power supplies should be sized to approximately 50% of the normal requirement or to local code requirements.

EQP21XX Power Supply

Model	Part Number	Description	Ship Weight
EQP2120PS-B	010988-001*	EQP2120PS-B 20A 120/220V PANEL	3.7 lb (1.7 kg)
EQP2120PS	010988-002	EQP2120PS 20A 120/220V DIN	3.7 lb (1.7 kg)

*For FM approved system

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OVERVIEW

Note: Det-Tronics product videos can be found at: www.YouTube.com/@DetTronicsUSA/videos

Eagle Quantum Premier® System

The **Eagle Quantum Premier System** (Spec Sheet for the EQP Controller: 90-1148) is a combined fire and gas safety system that is globally approved for hazardous locations. It is a distributed releasing system and is certified for annunciation and releasing per FM Approvals FM 3010, UL864 (10th Edition), and NFPA 72: 2013. The EQP System is also certified to IEC61508 as SIL 2 capable. The system is intended for use in hazardous locations and is designed to meet the requirements of approval agencies from around the world. The system is approved by FM Approvals to 6320 and compliant to ANSI/ISA 12.13.1 and CSA 22.2 #152. It is also ATEX certified to EN60079-29-4, IEC 60079-29-4 as a combustible gas controller.

The system consists of a controller and a number of addressable microprocessor-based field devices. The controller coordinates system device configuration, monitoring, annunciation, and control, while the field devices communicate their status and alarm conditions to the controller.

The controller communicates with the field devices through a digital communications link referred to as the LON communications loop. As the name infers, the network topology is laid out as a loop that begins and ends at the controller. All of the field devices are connected into the communication loop. The communication loop is a specialized design to meet the requirements of a Signaling Line Circuit (SLC).

The LON communication loop offers several key advantages:

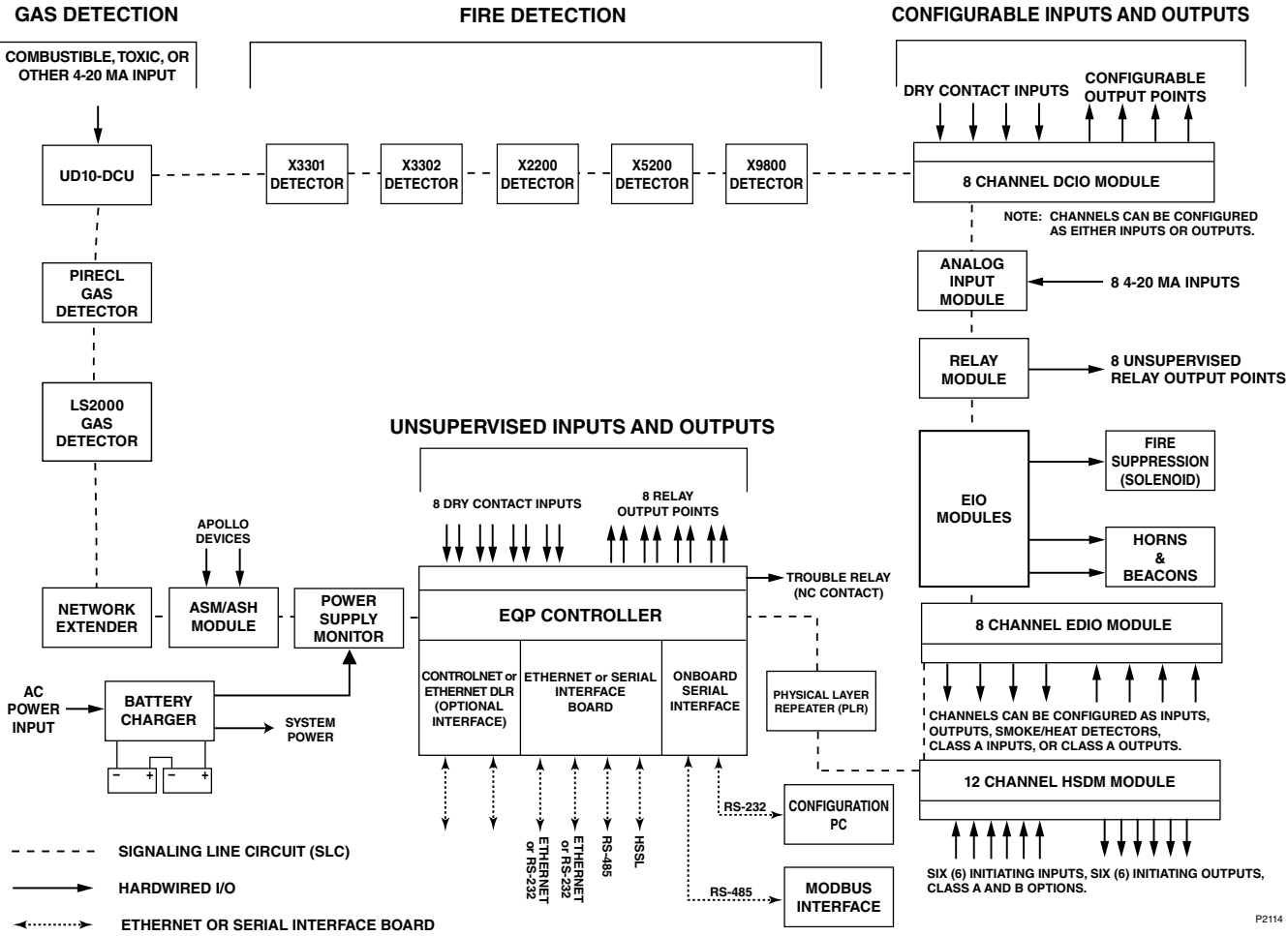
- Certified SIL 2 capable communication protocol
- ANSI/NFPA 72 Class X performance of SLC
- Expandability

The controller continuously executes the user logic programs that are programmed into the controller. The user logic programs are set up in the same fashion as IEC 61131-3 programmable logic programmed into programmable logic controllers (PLCs). Function block diagram logic gates are tied together with inputs, outputs, and other logic gates to perform a specific task. A number of tasks can be tied together to perform a system function.

Typical programmed functions include flame/gas voting, timing delays, timing executions, latching conditions, alarm and trouble notification, suppression control, condition control, and process shutdown notification.

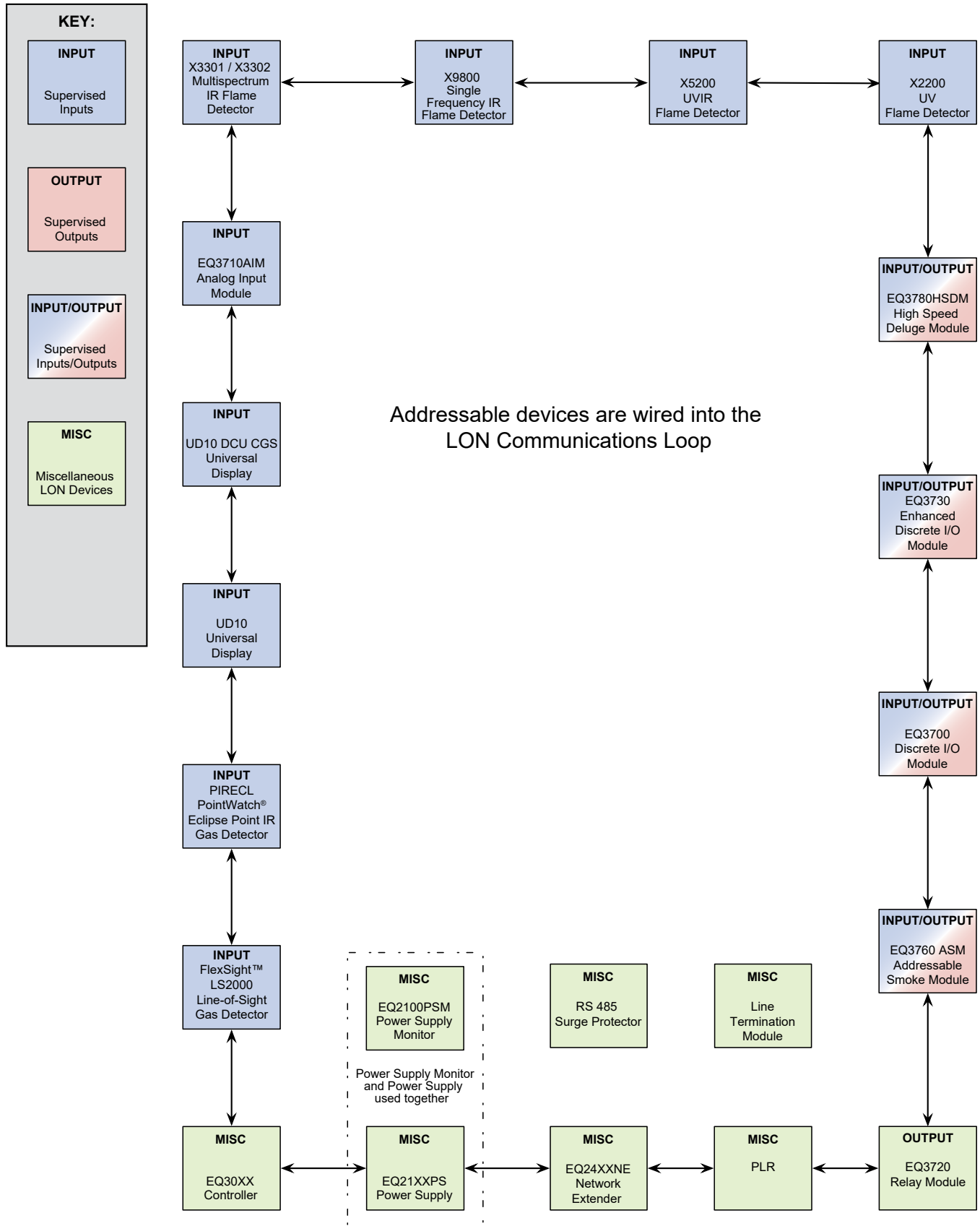
For complete system integration, the controller has the capability to communicate with other systems such as PLCs, distributed control systems (DCSs), and Supervisory Control and Data Acquisition (SCADA). Different communication protocols are supported, allowing the controller to communicate with other systems either directly or through communication gateways. The System Safety Software (S³) package supports an OPC server option that can publish system information to OPC clients.

- EQ3900 Series Cabinets offer a pre-engineered and listed solution
- Simplex and redundant operation
- Class I Div. 2 locations combined with Zone 2 rated devices Type n
- Deluge and pre-action release capability for fire suppression
- Agent release capability for fire suppression
- Supports up to 246 addressable field devices
- Fault-tolerant controller with redundancy setting
- Up to 32,800 feet (10,000 meters) of LON network communication wire
- Eagle Quantum Premier LON version for a variety of Det-Tronics flame and gas detectors
- Support for integrating third-party detectors (4-20 mA, "dry contact" type outputs or two wire smoke detectors) into EQP system
- Field devices have nonvolatile memory for alarm and calibration logging
- System and field device built-in system diagnostics
- IEC 61131-3 programmable logic
- Up to four Modbus RTU communication ports available
- ControlNet and DLR optional communication card (supports redundant communication channels)
- Compliance to FM 3010, NFPA 72, and NFPA 33
- Certified SIL 2 Capable models available
- US Coast Guard type approval
- Addressable Protocol (Apollo)
- Ultra High-Speed Deluge Systems (NFPA 15)



P2114

OVERVIEW



CONTROL ROOM

Model EQ3900 Approved Fire and Gas Releasing Cabinets

Eagle Quantum Premier Ordinary location and Hazardous Location Certified Fire and Gas Alarm Control Panel and Automatic Releasing for Pre-Action and Deluge Systems EQ3900

As part of providing a total systems solution to industrial clients around the world, Detector Electronics Corporation offers several certified systems enclosures for ordinary and hazardous locations. These enclosures can be configured to house various combinations of Eagle Quantum Premier® controllers and IO modules. Models are available for use in hazardous locations, with certifications that include Class I Division 2, and Zone 2 ratings. Regulations require that the enclosure and its contents be certified.

System Cabinets can also be custom configured to provide for many applications, and may maintain certifications depending on the design.

- Flexible and scalable for most applications
- Multiple communication protocols
- Approved for use with flame, smoke, heat, combustible gas, toxic gas, and oxygen detectors
- Simple wire installation
- Configurable device selection for the enclosure
- Electronics and wiring tested at the factory

Both Det-Tronics devices and systems are listed—an official designation that means the Authority Having Jurisdiction (AHJ) recognizes the systems as acceptable and the installed systems when installed according to the instruction manual, will pass regular inspections.



Eagle Quantum Premier Model Summary

Series/Model	Dimensions (HxWxD)	Inputs/Outputs	EQP Controllers	EDIO/AIM/Relay Modules
2400 EQP EQ3900G	24 x 20 x 8 in. (610 x 508 x 203mm)	16**	1	Any combination of 2
3600 EQP EQ3900G	36 x 24 x 8 in. (914 x 610 x 203mm)	32**	Up to 2	Any combination of 4
4800 EQP EQ3900G	48 x 24 x 10 in. (1219 x 610 x 254mm)	48**	Up to 2	Any combination of 6
8300 EQP EQ3900G	83 x 32 x 24 in. (2108 x 813 x 610mm)	144**	Up to 2	Any combination of 18
2400 RIO EQP EQ3900G	24 x 20 x 8 in. (610 x 508 x 203mm)	16**	0	Any combination of 2
3600 RIO EQP EQ3900G	36 x 24 x 8 in. (914 x 610 x 203mm)	32**	0	Any combination of 4
4800 RIO EQP EQ3900G	48 x 24 x 10 in. (1219 x 610 x 254mm)	48**	0	Any combination of 6

**All EQP safety system controllers accept up to 246 addressable nodes (flame & gas detectors, input/output modules). The quantity indicated represents the built-in input/output capacity of each module.

EQ3900 Series Systems

As part of providing a listed flame detection and gas releasing system, Detector Electronics Corporation offers several pre-engineered listed system options. Three standardized configurations are available to meet the needs of small, medium, and large applications. Each configuration can be customized to the needs of the application.

Each model includes an appropriately sized cabinet that houses an Eagle Quantum Premier Controller(s), Input Output Module(s), and field wiring termination terminals.

**EQ3900G, Series 2400**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 24"(H) x 20"(W) x 8"(D) (610mm x 508mm x 203mm)
- Includes one (1) Eagle Quantum Premier (EQP) Safety System Controller
- Includes two (2) EQ37XX Input / Output modules
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72

**EQ3900G, Series 3600**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 36"(H) x 24"(W) x 8"(D) (914mm x 610mm x 203mm)
- Includes up to (2) Eagle Quantum Premier (EQP) Safety System Controllers
- Includes four (4) EQ37XX Input / Output modules
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72

**EQ3900G, Series 4800**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 48"(H) x 24"(W) x 10"(D) (1219mm x 610mm x 254mm)
- Includes up to (2) Eagle Quantum Premier (EQP) Safety System Controllers
- Includes six (6) EQ37XX Input / Output modules
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72

**EQ3900G, Series 8300 (Not pictured)**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, floor standing, Type 4
- 83"(H) x 32"(W) x 32"(D) (2109mm x 813mm x 813mm)
- Includes up to (2) Eagle Quantum Premier (EQP) Safety System Controllers
- Accommodates up to eighteen (18) EQ37XX Input / Output modules
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72
- Due to the increased size, capabilities and available options, these models typically require some level of customization

EQ3900 EQP System Enclosure Solutions

Model No.	Part No.	Enclosure Size	EQP Controller Quantity	Enhanced Discrete Input Output (EDIO) Module Quantity	Relay Module Quantity
EQ3900G, 2400	000392-1110	24"x20"x8" (610mm x 508mm x 203mm)	1	1	1
EQ3900G, 3600	000393-1310	36"x24"x8" (914mm x 610mm x 203mm)	1	3	1
EQ3900G, 3600	000393-2310	36"x24"x8" (914mm x 610mm x 203mm)	2	3	1
EQ3900G, 4800	000394-1510	48"x24"x10" (1219mm x 610mm x 254mm)	1	5	1
EQ3900G, 4800	000394-2510	48"x24"x10" (1219mm x 610mm x 254mm)	2	5	1
EQ3900G, 4800	000394-2600	48"x24"x10" (1219mm x 610mm x 254mm)	2	6	0
EQ3900G, 3600 RIO	000393-0310	36"x24"x8" (914mm x 610mm x 203mm)	0	3	1

*Other EQ3900 configurations are available that include different enclosure and module types.

Part Number Suffix (Dash Number) denotes the hardware configuration of the EQ3900G. Refer to the following configuration example:

A = Quantity of EQP Controller(s)
 B = Quantity of EQ3730 EDIO(s)
 C = Quantity of EQ3710 AIM(s)
 D = EQ3720 Quantity of Relay Module(s)

Example: **000394-1510 (EQ3900G, 4800)**

1 = One EQP Controller
 5 = Five EQ3730 EDIOs
 1 = One EQ3710 AIM Module
 0 = Zero EQ3720 Relay Modules

Please note that the available hardware configuration is dependent upon the size of the cabinet.

Contact Det-Tronics for additional information on building a system that meets your requirements.

Det-Tronics EQ3900 systems are listed—an official designation that means the Authority Having Jurisdiction (AHJ) recognizes the systems as acceptable and the installed systems pass regular inspections.

Choose Det-Tronics with confidence to engineer, manufacture and test turnkey systems built to your requirements.

CONTROL ROOM

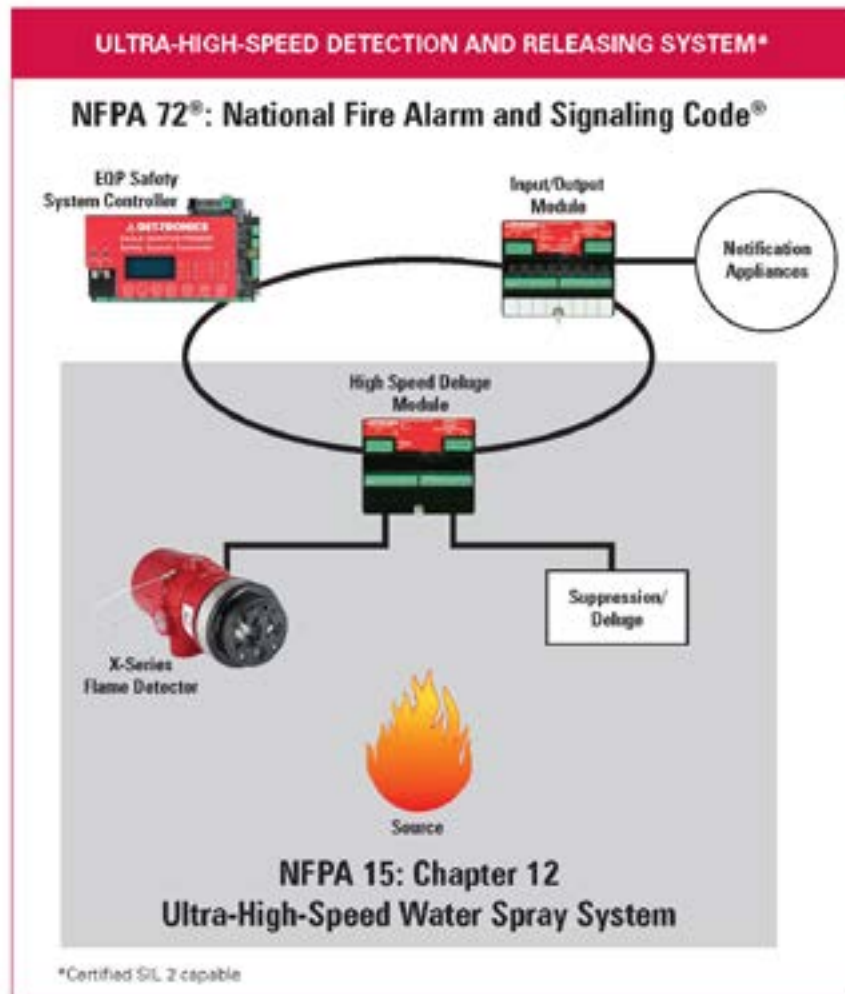
Ultra-High-Speed Flame Detection and Releasing System (Ultra FDRS)



As part of providing a listed flame detection and releasing system to the ultra-high-speed market segment, Detector Electronics Corporation offers several pre-engineered certified system options. Three standardized models are available to meet the needs of the small, medium, and large ultra-high-speed system user. These models utilize the proven EQ3900 Approved Fire and Gas Releasing Cabinet solution.

The Det-Tronics Ultra-High-Speed Flame Detection and Releasing System (Ultra FDRS) is an Eagle Quantum Premier® (EQP) based safety solution capable of functioning in challenging, high-hazard applications.

Each model includes an appropriately sized cabinet that houses an Eagle Quantum Premier® Controller, High Speed Deluge Module(s), Enhanced Discreet Input Output Module(s), physical solenoid disconnect switches, and field wiring termination terminals.



Ultra FDRS Models

**Ultra FDRS Model 2400**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 24"(H) x 20"(W) x 8"(D) (610mm x 508mm x 203mm)
- Includes one (1) Eagle Quantum Premier Safety System Controller
- Accommodates up to six (6) inputs from flame detectors (Class B)
- Provides up to six (6) 24VDC ultra-high-speed outputs (Class B)
- Provides up to seven (7) non-high speed inputs or outputs
- Lockable Physical Solenoid Disconnect Switches
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72 and NFPA 15 (Chapter 12)

**Ultra FDRS Model 3600**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 36"(H) x 24"(W) x 8"(D) (914mm x 610mm x 203mm)
- Includes one (1) Eagle Quantum Premier Safety System Controller
- Accommodates up to eighteen (18) inputs from flame detectors (Class B)
- Provides up to eighteen (18) 24VDC ultra-high-speed outputs (Class B)
- Provides up to seven (7) non-high speed inputs or outputs
- Lockable Physical Solenoid Disconnect Switches
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72 and NFPA 15 (Chapter 12)

**Ultra FDRS Model 4800**

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, fixed window, mounting feet, Type 4
- 48"(H) x 24"(W) x 10"(D)(1219mm x 610mm x 254mm)
- Includes one (1) Eagle Quantum Premier Safety System Controller
- Accommodates up to thirty (30) inputs from flame detectors (Class B)
- Provides up to thirty (30) 24VDC ultra-high-speed outputs (Class B)
- Provides up to seven (7) non-high speed inputs or outputs
- Lockable Physical Solenoid Disconnect Switches
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72 and NFPA 15 (Chapter 12)

CONTROL ROOM

Ultra-High-Speed Flame Detection and Releasing System Remote Input Output

(Ultra FDRS RIO)



The Ultra FDRS RIO model allows for the remote installation of high speed deluge modules (HSDM) and enhanced discreet input output modules (EDIO). This concept allows for installation of the Ultra FDRS 2400, 3600, or 4800 models in a given area while the Ultra FDRS RIO is installed in a different area that is located physically closer to individual work areas. The Ultra FDRS RIO cabinet is ordered as needed in a quantity that is sized to the needs of the particular application.

Ultra FDRS Model RIO

- Red Painted (RAL 3020) Steel Enclosure, locking key handle door, mounting feet, Type 4
- 36"(H) x 24"(W) x 8"(D) (914mm x 610mm x 203mm)
- Accommodates up to eighteen (18) inputs from flame detectors (Class B)
- Provides up to eighteen (18) 24VDC ultra-high-speed outputs (Class B)
- Provides up to seven (7) non-high speed inputs or outputs
- Lockable Physical Solenoid Disconnect Switches
- Interposing terminals to accommodate field wiring
- FM/CSA approved for indoor, non-hazardous areas
- Permits compliance with NFPA 72 and NFPA 15 (Chapter 12)

Ultra-High-Speed Flame Detection and Releasing System (Ultra FDRS)

Model	Part No.	Enclosure Size (mm)	Door Window	EQP Controller Quantity	HSDM Quantity	EDIO Quantity	Physical Disconnect Switch Quantity	Flame Detector Inputs	Ultra-High-Speed 24VDC Outputs	Non-High Speed I/O
Ultra FDRS 2400	000852-011	24"x20"x8" (610mm x 508mm x 203mm)	Yes	1	1	1	2	6	6	7
Ultra FDRS 3600	000852-012	36"x24"x8" (914mm x 610mm x 203mm)	Yes	1	3	1	6	18	18	7
Ultra FDRS 4800	000852-013	48"x24"x10" (1219mm x 610mm x 254mm)	Yes	1	5	1	10	30	30	7
Ultra FDRS RIO	000852-022	36"x24"x8" (914mm x 610mm x 203mm)	No	0	3	1	6	18	18	7

*Other non-standard Ultra FDRS options are available. These non-standard options may incur higher costs and longer lead times. Contact Det-Tronics for additional information on building a system that meets your requirements.

Det-Tronics Ultra FDRS systems are listed—an official designation that means the Authority Having Jurisdiction (AHJ) recognizes the systems as acceptable and the installed systems pass regular inspections.

CONTROL ROOM

EQ3900G Power Distribution / Monitoring Enclosure Solution



This wall-mounted enclosure accommodates the Power Supply Monitor, terminal blocks, relays, circuit breakers, and fuses as physical space allows.

- Red Painted (RAL 3020) Steel Enclosure
- 20"(H) x 20"(W) x 8"(D) (508mm x 508mm x 203mm)
- Front Access Door with Locking Key Handle
- Passive Venting
- Type 4, IP66
- No Viewing Window or Operators
- One EQ2100 PSM Power Supply Monitor installed
- Provides required isolation for high voltage circuitry



Backup Battery Enclosure

This wall-mounted enclosure holds up to four 12 Volt, sealed lead acid, top-post, 100AH batteries.

- Red Painted (RAL 3020) Steel Enclosure
- 30" (H) x 30" (W) x 8" (D) (762mm x 762mm x 203mm)
- One shelf
- Latching front access door
- Filtered vents
- Type 1



Choose Det-Tronics with confidence to engineer, manufacture, and test turn-key systems that are built to your requirements.

CONTROL ROOM

Eagle Quantum Premier Controller - EQ30XX



Eagle Quantum Premier Controller EQ30XX (Spec Sheet: 90-1148) The Eagle Quantum Premier Controller is a microprocessor-based module that performs all the communication and control functions for the system. The controller can be configured in a simplex or redundant mode of operation. It includes all the required operator interface controls for a fire alarm and releasing system.

- Fire detection and alarm
- Fire suppression control
- Gas detection and alarm
- Available in certified enclosures
- Compliance to ANSI/ISA 60079-29-1 performance standard
- Performance certified to FM 6320
- Performance certified to EN/IEC 60079-29-1
- Simplex or redundant operation
- Certified SIL 2 capable models available
- Programmable logic
- Optional Dual Ethernet Ports (Modbus TCP/IP)
- Multiple serial ports (three RS-232 and two RS-485)
- Transformer isolation of network ports
- Utilizes Modbus RTU, Modbus TCP/IP, or Allen Bradley protocols
- DRL Device level ring EtherNet DLR
- Eight Programmable Relay Outputs
- Dedicated Fault Output
- Eight Digital Inputs
- Four-line, 20-character alphanumeric display
- LED status indicators
- Fault-tolerant communication loop
- Extensive built-in diagnostics
- Real-time clock
- Compact design
- U.S. Coast Guard type approval

EQ30XX Model Matrix

MODEL	DESCRIPTION								
EQ3001	Eagle Quantum Premier Controller - 246 Nodes								
EQ3016	Eagle Quantum Premier Controller - 16 Nodes								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MOUNTING OPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Din Rail</td> </tr> <tr> <td>P</td> <td>Panel</td> </tr> </tbody> </table>	TYPE	MOUNTING OPTION	D	Din Rail	P	Panel		
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P	Panel								
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TYPE	COM BOARD 1								
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D	EtherNet DLR								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>COM BOARD 2</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>None</td> </tr> <tr> <td>E</td> <td>Ethernet IP</td> </tr> <tr> <td>S</td> <td>Serial Port Expansion</td> </tr> </tbody> </table>	TYPE	COM BOARD 2	N	None	E	Ethernet IP	S	Serial Port Expansion
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E	Ethernet IP								
S	Serial Port Expansion								
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TYPE	APPROVALS*								
S	SIL								
T	SIL/FM/CSA/ATEX/IECEX								
W	FM/CSA/ATEX/IECEX								

*Type Approvals can use one or more letters to designate the approvals of the product.

NOTE: Contact Customer Service when ordering replacement EQ30XX controllers for redundant systems.

CONTROL ROOM

EQ3001 Controller - SIL 2

Model	Part Number	Mounting	Ethernet	Ethernet/ IP DLR	Serial Port Expansion/ Redundancy Port	SIL/FM/CSA/ ATEX/IECEX
EQ3001PNNT	007609-072	Panel				X
EQ3001DNNT	007609-073	DIN				X
EQ3001PNET	007609-086	Panel	X		X	X
EQ3001DNET	007609-087	DIN	X		X	X
EQ3001PNST	007609-077	Panel			X	X
EQ3001DNST	007609-078	DIN			X	X
EQ3001DDET	007609-189	DIN	X	X	X	X
Ship Weight: 5.0 lb (2.3 kg)						

EQ3016 Controller - SIL 2

Model	Part Number	Mounting	Ethernet	Ethernet/ IP DLR	Serial Port Expansion/ Redundancy Port	SIL/FM/CSA/ ATEX/IECEX
EQ3016PNNT	007609-472	Panel				X
EQ3016DNNT	007609-473	DIN				X
EQ3016PNET	007609-486	Panel	X		X	X
EQ3016DNET	007609-487	DIN	X		X	X
EQ3016PNST	007609-477	Panel			X	X
EQ3016DNST	007609-478	DIN			X	X
EQ3016DDET	007609-689	DIN	X	X	X	X
Ship Weight: 5.0 lb (2.3 kg)						

EQ3001 Controller

Model	Part Number	Mounting	Ethernet	Ethernet/ IP DLR	Serial Port Expansion/ Redundancy Port	FM/CSA/ ATEX/IECEX
EQ3001PNNW	007609-062	Panel				X
EQ3001DNNW	007609-063	DIN				X
EQ3001PNEW	007609-082	Panel	X		X	X
EQ3001DNEW	007609-083	DIN	X		X	X
EQ3001PNSW	007609-067	Panel			X	X
EQ3001DNSW	007609-068	DIN			X	X
EQ3001PCSW-C*	007609-269	Panel			X	X
EQ3001DDEW	007609-185	DIN	X	X	X	X
Ship Weight: 5.0 lb (2.3 kg)						

*US Coast Guard type approval under 46 CFR 161.002. For use with USCG approved system only.

EQ3016 Controller

Model	Part Number	Mounting	Ethernet	Ethernet/ IP DLR	Serial Port Expansion/ Redundancy Port	FM/CSA/ ATEX/IECEX
EQ3016PNNW	007609-462	Panel				X
EQ3016DNNW	007609-463	DIN				X
EQ3016PNEW	007609-482	Panel	X		X	X
EQ3016DNEW	007609-483	DIN	X		X	X
EQ3016PNSW	007609-467	Panel			X	X
EQ3016DNSW	007609-468	DIN			X	X
EQ3016PNNW-C*	007609-282	Panel				X
EQ3016DDEW	007609-685	DIN	X	X	X	X
Ship Weight: 5.0 lb (2.3 kg)						

*US Coast Guard type approval under 46 CFR 161.002. For use with USCG approved system only.

CONTROL ROOM

Redundancy Parts

Part Number*	Description	Ship Weight
008981-001	Controller to Controller High Speed Serial Cable (4 ft)	1.0 lb (0.45 kg)
008982-001	EQ3LTM LON Termination Module (2 required per LON)	1.0 lb (0.45 kg)

*Parts can only be used with EQP Controllers with serial port expansion option.

Controller Communication Cables

Part Number	Description	Length			Ship Weight
		15 ft. (4.57 m)	30 ft. (9.14m)	50 ft. (15.24m)	
007633-001	Controller RS-232 Cable (DB9 Female PC Connection)	X			1.0 lb (0.45 kg)
007633-002	Controller RS-232 Cable (DB9 Female PC Connection)		X		1.0 lb (0.45 kg)
007633-003	Controller RS-232 Cable (DB9 Female PC Connection)			X	1.6 lb (0.7 kg)

Typical Order for a Redundant System

Qty	Part Number	Description
2	007609-078	EQ3001DNST Controller
1	008981-001	Controller to Controller redundancy High Speed Serial Cable (4 ft)
2	008982-001	EQ3LTM LON Termination Module (2 required per LON)



Interface Hardware RS 485 and Hart

Part Number	Description	Ship Weight
014008-001	EQ2230RSP Surge Protector RS485	1.0 lb (.45 kg)
008056-001	HIM, HART Interface Module, EQP	1.0 lb (.45 kg)

Power Supplies



EQP21XXPS Power Supplies are used in pairs where the primary source of input supply is connected to one and the secondary source is connected to the other. A maximum of eight power supplies operated in parallel can be connected to each input supply. Both the primary and secondary sets must be individually capable of operating the system without the other supply. The secondary source is required to be continuously powered.

EQP21XX Power Supply

Model	Part Number	Description	Ship Weight
EQP2120PS-B	010988-001*	EQP2120PS-B 20A 120/220V PANEL	3.7 lb (1.7 kg)
EQP2120PS	010988-002	EQP2120PS 20A 120/220V DIN	3.7 lb (1.7 kg)

*For FM approved system

NOTE: Requires a minimum of two supplies & one diode module per system. Also requires a GFM (below).



EQP2410 Converter serves as a DC voltage regulator for the secondary/back-up power supply source. It converts grounded DC input source into floating DC output power for ground fault monitoring capability.

EQP2410 Converter

Model	Part Number	Description	Ship Weight
EQP2410PS-P	010892-001*	10A 24VDC CONVERTER, PANEL	2.7 lb (1.2 kg)
EQP2410PS	010892-002	10A 24VDC CONVERTER, DIN	2.7 lb (1.2 kg)

*For FM approved system

NOTE: Converters can be used in conjunction with a power supply (above) but can only be used as a secondary supply.

*Diode Module*

Model	Part Number	Description	Ship Weight
N/A	009934-003*	DIODE REDUNDANCY MOD W/MTG BKT	2.0 lb (0.90 kg)
N/A	009934-004	DIODE REDUNDANCY MOD DIN RAIL	2.0 lb (0.90 kg)

*For FM approved system

NOTE: Required for use with power supplies/converters listed above.



EQ2220GFM Ground Fault Monitor (Spec Sheet: 90-1134) provides ground fault monitoring in a system that includes reliable dual isolated 24 Vdc power. The output from the ground fault monitor is a contact closure in the presence of a ground fault. The ground fault monitor is DIN rail mountable and is intended to be mounted in the same enclosure as the controller.

Ground Fault Monitor (For use with power supplies above)

Model	Part Number	Description	Ship Weight
EQ2220GFM	007941-001	Ground Fault Monitor	0.5 lb (0.2 kg)
EQ2220GFMR	007941-901	Ground Fault Monitor	0.5 lb (0.2 kg)

CONTROL ROOM



EQ3900RPS (Manual: 95-8745) The EQ3900RPS Remote Power Supply is an industrial power supply that accepts two independent AC inputs and produces 24 Vdc with up to 18 amperes output current. The EQ3900RPS remote power supply can be configured with various numbers of 24 Vdc power outputs, fuse monitoring, and status indicators. There are two designs for the EQ3900RPS depending upon where they will be located. One model is intended for use in hazardous locations, with certification for Class I, Division 1 and Class I, Division 2 per the National Electrical Code, and one model for ordinary locations.

MODEL	DESCRIPTION	
EQ3900RPS	Remote LON-based Power Supply	
	TYPE	ENCLOSURE
	E	Explosion-proof (Class I, Division 1)
	G	Ordinary Location
	TYPE	24 VDC POWER OUTPUTS (Notes 1 & 2)
	1	1 24Vdc Power Output (18 Amp Fuses)
	2	2 24Vdc Power Outputs (9 Amp Fuses)
	3	3 24Vdc Power Outputs (6 Amp Fuses)
	TYPE	FUSE MONITORING (Notes 2 & 3)
	0	0 Fuse Monitoring
	1	1 Fuse Monitoring (Power Outputs: #1)
	2	2 Fuse Monitoring (Power Outputs: #1& #2)
	3	3 Fuse Monitoring (Power Outputs: #1,#2,& #3)
	TYPE	INDICATIONS (More than one can be chosen) (Notes 3 & 5)
	N	No Indicator or Operator
	A	Power Present Indicator
	B	Power Trouble Indicator
	C	Ground Fault Indicator
	D	Ground Fault Test Operator
	TYPE	WINDOW
	N	No Window
	W	Window

- NOTES:**
1. Maximum total current draw = 18 amperes. All power outputs have same fuse rating.
 2. Fuse monitoring by EQP only. No local indication.
 3. Consult factory if other configuration are desired.
 4. Consult factory for size and number of conduit entries.
 5. No ingress rating if operators are included.

EQ3900 RPS Power Supply

Description	Part Number	Material	Entries	Class I, Div 1	FM/CSA
EQ3900RPS	REQUEST	AL	Up to 12	X	X
EQ3900RPS	REQUEST	SS	Up to 12		X





Power Supply (Spec Sheet: 90-1134). Six approved power supply options are available:

- 10 Amp / 60HZ (EQ2110PS)*
- 30 Amp / 60HZ (EQ2130PS)*
- 75 Amp / 60HZ (EQ2175PS)*
- 10 Amp / 50HZ (EQ2111PS)*
- 30 Amp / 50HZ (EQ2131PS)*
- 75 Amp / 50HZ (EQ2176PS)*

Contact the factory for additional options and current certifications

*Requires the use of the Det-Tronics Power Supply Monitor, detailed below.

EQ21XX Power Supplies

Model*	Part Number	Description			Ship Weight
EQ2110PS	000604-013	10A	120VAC	60HZ	50 lb (25.0 kg)
EQ2130PS	000604-014	30A	120/208/220	60HZ	115 lb (57.5 kg)
EQ2175PS	000604-015	75A	120/208/220	60HZ	150 lb (75.0 kg)
EQ2111PS	000604-034	10A	220/240VAC	50HZ	50 lb (25.0 kg)
EQ2131PS	000604-035	30A	220/240VAC	50HZ	115 lb (57.5 kg)
EQ2176PS	000604-036	75A	220/240VAC	50HZ	150 lb (75.0 kg)

*Requires use of EQ2100PSM Power Supply Monitor



EQ2100PSM Power Supply Monitor (Spec Sheet: 90-1134) is used in conjunction with any of the EQ21XX (p/n 000604-XXX) power supplies and backup batteries to provide an approved source of power for the Eagle Quantum Premier system. Since the power supply monitor resides on the communication loop (LON), any trouble condition related to system power will immediately be reported to the Operator Interface Station through the Local Control Unit. Status conditions being monitored include power supply failure, loss of AC power, loss of battery power, power ground fault, AC voltage, DC voltage, and battery changing current levels.

- Supports NFPA 72 Class X communication
- Monitors primary AC supply and battery integrity
- Compatible with 10, 30 and 75 amp output power supplies
- Field addressable
- FM approved and CSA Certified for use in Eagle Quantum
- Feet for panel mounting

Power Supply Monitor (For use with EQ21XX power supplies)

Model	Part Number	Description	Ship Weight
EQ2100PSM	006979-001	Power Supply Monitor	5 lb (2.3 kg)

*Enclosure not included

CONTROL ROOM



The **EQ38XX Power Distribution Module** (Manual: 95-8558) integrates isolation, conditioning, ground fault monitoring, and distribution to five outputs that power the controller, cabinet devices, and field devices. The PDM is designed to provide continuous power to the outputs by relying upon two independent 24 Vdc input power sources. One power source must be derived from a line power source and the other source must be from a backed-up power source.

- Automatic Resetting Overload Protection for field devices (no fuses to replace)
- Ground Fault Monitoring
- Visual LED indicators for power and each power input
- Visual LED indicators for ground faults
- Anodized aluminum heat sink
- Panel mount

Power Distribution Module

Model	Part Number	Description	Ship Weight
EQ3800PDM	007360-001	Power Distribution Module	4 lb (1.8 kg)

Operator Interface Safety System Software



Safety System Software (S³). The Eagle Quantum Premier uses the safety system software to provide a user friendly, fully integrated, high performance package. The software provides convenient and accurate system configuration and status information including diagnostic and trouble shooting tools. An optional embedded OPC server provides additional flexibility.

The software database contains all of the information to easily configure the Eagle Quantum Premier system. All device information is presented in a series of user-friendly point configuration screens. Point display screens for each node are available to display detailed status information, recent alarms and calibration records.

In summary the software collects, tracks, displays, and distributes your safety system information while allowing intuitive operator input for command and control functions of these safety systems.

Operating System Requirements:

The S³ software suite is designed to run on an Intel® based computer with a minimum Core i5 processor. S3 is compatible with Windows 10.

The Safety System Software has the following features:

- Configure field devices
- Program, simulate, monitor and document controller logic
- Review real time status through pre-built point displays
- An optional OPC Server license is available

Operating Interface Safety System Software

Part Number*	Description	Ship Weight
007800-011	Safety System Software configuration/runtime package 60 node version no driver , USB key.	0.5 lb (0.23 kg)
007800-013	Safety System Software configuration/runtime package 250 node version no driver , USB key.	0.5 lb (0.23 kg)
007800-012	Safety System Software configuration/runtime package 60 node version with OPC driver , USB key.	0.5 lb (0.23 kg)
007800-014	Safety System Software configuration/runtime package 250 node version with OPC driver , USB key.	0.5 lb (0.23 kg)

NOTE: The 60 node version of S3 is recommended for the 16 node controller.

*It is strongly recommended that purchasers of S3 attend the appropriate training class:

Register at Det-Tronics University from the website: www.det-tronics.com

Package Includes:

- S³ Installation software
- 30 ft. serial cable with DB9 serial and EQP interface connectors
- 30 ft. Ethernet cable
- Licensed software key (resembles a USB drive)
- High speed USB serial adapter

Course 102: Advanced EQP Training

COURSE 102:

ADVANCED EQP (FOR CUSTOMERS AND DISTRIBUTORS)

This 3-day class is designed for System Integration Engineers, Designers, and Maintenance personnel. The curriculum will cover the Eagle Quantum Premier System hardware, software, configuration, logic programming, troubleshooting, maintenance, and design practices. This course does not apply to other standard flame and gas detection systems.

EQP Training

Part Number	Description
TRAINING 102	DET-U Course 102, EQP System

Register at Det-Tronics University from the website: www.det-tronics.com

DEVICES

EQ3760 Addressable Smoke Module



The EQP **Addressable Smoke Module** (Spec Sheet: 90-1226) is designed to expand the input and output capability of the Det-Tronics EQP system.

The ASM is an interface device designed to provide continuous and automated fire protection. It ensures system operation through continuous supervision of system inputs/outputs and Local Operating Network/Signaling Line Circuit (LON/SLC) monitoring in the controller.

The ASM is located directly on the LON of the EQP system, with a loop of up to 100 addressable devices tied into the ASM. This allows the EQP controller to annunciate a fire alarm from either its own LON based I/O or from the ASM connected addressable smoke and heat detection loops.

System status can be determined using the troubleshooting procedures, Eagle Quantum Safety System Software (S³), and the status indicators on the module.

- Expands the capabilities of the Det-Tronics EQP system
- Class 1 Div. 2 locations combined with Zone 2 rated devices Type N
- Certified SIL 2 Capable
- Provides power and communications to 100 addressable devices
- Supports Apollo devices with XP95A, Discovery/Core protocol over SLC
- ASM alarm and fault status are logged in the EQP controller
- LEDs for easy annunciation of power, faults and an active device on the loop
- Monitors single addressable devices
- Provides remote I/O capabilities via LON/SLC
- DIN rail or panel mounting
- Plug-in wiring connectors
- RFI and EMI hardened
- Smoke detectors are globally approved (see product data sheets)
- Option Intrinsically Safe detectors



EQ3760 ASM Model Matrix

MODEL	DESCRIPTION	
EQ3760	Addressable Smoke Module (ASM)	
	TYPE	MOUNTING OPTION
	D	DIN Rail
	P	Panel
	TYPE	APPROVALS
	T	FM/CSA/ATEX/IECEX

EQ3760 ASM Module

Model	Part Number	Material	FM/CSA/ATEX/IECEX	Ship Weight
EQ3760DT	014050-001	AL	X	3 lb (1.4 kg)
EQ3760PT	014050-002	AL	X	3 lb (1.4 kg)

DEVICES

EQ3730 EDIO Enhanced Discrete Input/Output Module



EQ3730 EDIO Enhanced Discrete Input/Output Module (Spec Sheet: 90-1189)

The 8 Channel EDIO Module is specially designed to expand the input and output (I/O) capability of the Det-Tronics Eagle Quantum Premier System. The unit is designed to provide continuous and automated fire/gas protection while ensuring system operation through continuous supervision of system I/O and signaling line circuit (SLC). The EDIO module provides eight channels of configurable input or output points that can be configured as input/output, two-wire smoke/heat detector, Class A input, Class A output. Each input point can accept fire detection devices such as heat, smoke, or unitized flame detectors. Each output point can be configured for signaling or releasing output operation. Each channel on the module is provided with individual indicators for active and fault conditions.



- Monitors eight independent I/O channels
- IDC Class A or B wiring
- Class 1 Div. 2 locations combined with Zone 2 rated devices Type N
- Individual channels are configurable as an input/output/two-wire smoke/heat detectors/ Class A input/Class A output
- A smoke/heat channel can support up to 15 two-wire smoke and heat devices per channel
- For Class A input and output wiring two channels are required per Class A circuit
- Certified SIL 2 models available
- Individual point style is configurable as a supervised or an unsupervised point
- User configurable supervision for opens and/or shorts
- Individual point type is configurable for alarm/supervisory/other input styles, notification/releasing/dry contact output
- Exceeds the requirements of NFPA 72
- Panel or DIN rail mounting

EQ3730 EDIO Model Matrix

MODEL	DESCRIPTION								
EQ3730	8 Channel Enhanced Discrete Input/Output Module (EDIO)								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MOUNTING OPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>DIN Rail</td> </tr> <tr> <td>P</td> <td>Panel</td> </tr> </tbody> </table>	TYPE	MOUNTING OPTION	D	DIN Rail	P	Panel		
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T	SIL/FM/CSA/ATEX/IECEX								
W	FM/CSA/ATEX/IECEX								

*Type Approvals can use one or more letters to designate the approvals of the product.

EQ3730 EDIO Module - SIL 2

Model	Part Number	Material	SIL/FM/CSA/ATEX/IECEX	Ship Weight
EQ3730PT	009174-012	AL	X	1.0 lb (0.45 kg)
EQ3730DT	009174-013	AL	X	2.0 lb (0.90 kg)

EQ3730 EDIO Module

Model	Part Number	Material	FM/CSA/ATEX/IECEX	Ship Weight
EQ3730PW	009174-002	AL	X	1.0 lb (0.45 kg)
EQ3730DW	009174-003	AL	X	2.0 lb (0.90 kg)

Explosion-proof Input Output Module



EQ3770EIO (Manual: 95-8761)The Eagle Quantum Premier EQ3770 EIO Input/Output module for hazardous locations provides an economic solution for field mounted systems and devices. The EIO can be used with most EQ37XX devices, and can be combined with an onboard ground fault monitor.

The enclosure can be configured to house various Eagle Quantum Premier 8 channel IO modules. They are intended for use in hazardous locations, with certifications that include Class I, Division 1 per the National Electrical Code, and Zone 1 per EN/IEC60079-1.

EQ3770 EIO

Discription	Part Number	Material	Treads	Window	Div/Zone Exd	FM/CSA	ATEX/IECex
EQ3770EIO	000520-051	AL	8-NPT		X	X	
EQ3770EIO	000520-052	AL	8-NPT	X	X	X	

DEVICES

EQ3780HSDM High Speed Deluge Module



EQ3780HSDM High Speed Deluge Module (HSDM) (Spec Sheet: 90-1233) is specifically designed to expand the capability of the Det-Tronics Eagle Quantum Premier® (EQP) System by providing the capability to activate ultra-high speed suppression systems for hazardous applications such as munitions manufacturing. The HSDM provides up to six (6) configurable input channels and up to six (6) configurable output channels that can be programmed for supervised or unsupervised operation. Typical initiating devices include optical flame detectors, heat detectors, and manual pull stations. Output channels are designed to activate Factory Mutual (FM) approved solenoids. Solenoids that are activated by the HSDM are typically used to initiate pilot-actuated deluge valves. A unique cascade output feature allows the output of the HSDM to be connected to the input of another HSDM, extending the systems capability to activate multiple solenoids with a single input.

- Typical 2 mS independent response time
- Available only as part of a EQ3900 Series Certified System (See Systems Section B.5 for further details)
- Uniquely programmable outputs - one-to-one, one-to-many, or many-to-one
- Cascade capability to activate multiple solenoids with a single input
- Internal independent logic capabilities
- RFI and EMI hardened (CE Marked and Maritime Compliant)
- Expands the capabilities of the Det-Tronics Eagle Quantum Premier® system
- Provides up to six (6) Class B Input Channels (Supports Class A wiring when two input channels are combined)
- Provides up to six (6) Class B Output Channels (Supports Class A wiring when two output channels are combined)
- Input and Output channels are configurable as supervised or unsupervised points
- Output Channels are capable of continuously driving 2A at 30Vdc, up to a maximum of 10A per module
- Individual channel LEDs indicate Normal, Active, and Fault status
- Provides remote I/O capabilities via LON/SLC
- Panel or DIN rail mounting
- Module level status LED indicator
- Plug-in wiring connectors
- Meets the requirements of NFPA 72
- Allows customer to meet requirements of NFPA 15, Chapter 12
- FM, CSA, ATEX, IECEx, Exida, and DNV certified
- Certified SIL 2 Capable

EQ3780 HSDM Model Matrix

MODEL	DESCRIPTION	
EQ3780	High Speed Deluge Module	
	TYPE	INSTALLATION OPTION
	D	Din Rail
	P	Panel
	TYPE	APPROVALS
	T	SIL/FM/CSA/ATEX/IECEX

EQ3700 DCIO Discrete Input/Output Module



EQ3700 DCIO Input/Output Module (Spec Sheet: 90-1149) The 8 Channel DC I/O Module is specially designed to expand the Input and Output (I/O) capability of the Det-Tronics Eagle Quantum Premier System. The unit is designed to provide continuous and automated fire/gas protection while ensuring system operation through continuous supervision of system I/O and signaling line circuit (SLC). The DCIO module provides eight channels of configurable I/O points that can be programmed for supervised or unsupervised operation. Each input point can accept fire detection devices such as heat, smoke, or unitized flame detectors. Each output point can be configured for signaling or releasing output operation. Each channel on the module is provided with individual indicators for active and fault conditions.

- Monitors eight independent I/O channels
- IDC Class B wiring
- Class 1 Div. 2 locations combined with Zone 2 rated devices Type N
- Individual channels are configurable as an Input or Output
- Individual point Style is configurable as a supervised or an unsupervised point
- Individual point Type is configurable for alarm/supervisory/other input styles, notification/releasing/dry contact output
- Meets the requirements of NFPA 72
- Panel or DIN rail mounting

EQ3700 DCIO Model Matrix

MODEL	DESCRIPTION						
EQ3700	8 Channel Discrete Input/Output Module (DCIO)						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MOUNTING OPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>DIN Rail</td> </tr> <tr> <td>P</td> <td>Panel</td> </tr> </tbody> </table>	TYPE	MOUNTING OPTION	D	DIN Rail	P	Panel
TYPE	MOUNTING OPTION						
D	DIN Rail						
P	Panel						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>APPROVALS</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>RUSSIA</td> </tr> <tr> <td>W</td> <td>FM/CSA/ATEX/IECEX</td> </tr> </tbody> </table>	TYPE	APPROVALS	R	RUSSIA	W	FM/CSA/ATEX/IECEX
TYPE	APPROVALS						
R	RUSSIA						
W	FM/CSA/ATEX/IECEX						

EQ3700 DCIO Module

Model	Part Number	Material	FM/CSA/ATEX/IECEX	Ship Weight
EQ3700PW	007371-002	AL	X	1.0 lb (0.45 kg)
EQ3700DW	007371-003	AL	X	2.0 lb (0.90 kg)

DEVICES

EQ3710 AIM Analog Input Module



EQ3710 AIM Analog Input Module (Spec Sheet: 90-1183). The 8 Channel Analog Input Module expands the input capability of the Det-Tronics Eagle Quantum Premier System. The unit provides a means of connecting devices with a 4-20 mA output signal to the Eagle Quantum Premier System.

Each channel is fully configurable to provide device and alarm information. This information includes tag name, descriptor, engineering units, fault alarm, low/high alarm, and alarm threshold limits.

- Compliance to ANSI/ISA-12.13.01, for combustible gas
- Compliance to ANSI/ISA 92.0.01, CSA 22.2 #152, and EN60079-29-1
- NFPA 72 Approved 4-20 mA flame detector input
- Class 1 Div. 2 locations combined with Zone 2 rated devices Type N
- Certified SIL 2 Capable models available
- Monitors eight independent channels
- Panel or DIN rail mounting
- Optional HART Interface module (HIM) available
- Supports 2 or 3 wire 4-20 mA transmitters

EQ3710 AIM Model Matrix

MODEL	DESCRIPTION								
EQ3710	8 Channel Analog Input Module (AIM)								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MOUNTING OPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Din Rail</td> </tr> <tr> <td>P</td> <td>Panel</td> </tr> </tbody> </table>	TYPE	MOUNTING OPTION	D	Din Rail	P	Panel		
TYPE	MOUNTING OPTION								
D	Din Rail								
P	Panel								
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>APPROVALS</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>SIL</td> </tr> <tr> <td>T</td> <td>SIL/FM/CSA/ATEX/IECEX</td> </tr> <tr> <td>W</td> <td>FM/CSA/ATEX/IECEX</td> </tr> </tbody> </table>	TYPE	APPROVALS	S	SIL	T	SIL/FM/CSA/ATEX/IECEX	W	FM/CSA/ATEX/IECEX
TYPE	APPROVALS								
S	SIL								
T	SIL/FM/CSA/ATEX/IECEX								
W	FM/CSA/ATEX/IECEX								

*Type Approvals can use one or more letters to designate the approvals of the product.

EQ3710 AIM - SIL 2

Model	Part Number	Material	SIL/FM/CSA/ ATEX/IECEX	Ship Weight
EQ3710DT	007918-013	AL	X	2.0 lb (0.90 kg)
EQ3710PT	007918-012	AL	X	1.0 lb (0.45 kg)

EQ3710 AIM

Model	Part Number	Material	FM/CSA/ ATEX/IECEX	Ship Weight
EQ3710DW	007918-003	AL	X	2.0 lb (0.90 kg)
EQ3710PW	007918-002	AL	X	1.0 lb (0.45 kg)

DEVICES

EQ3720 RM Relay Module



EQ3720 RM Relay Module (Spec Sheet: 90-1181) The 8 Channel Relay Module is specially designed to expand the output capability of the Det-Tronics Eagle Quantum Premier System. The Relay Module provides eight channels of relay output points that are programmed for unsupervised operation. The output relays are rated up to 2 amps per channel at 30 Vdc maximum or 0.5 amps per channel at 30 Vac.

- Class 1 Div. 2 locations combined with Zone 2 rated devices Type N
- Controls eight independent form “C” relay output channels
- Panel or DIN rail mounting
- “Hold last state” capable
- Recommended for use as an interface to normally energized (fail-safe) systems

EQ3720 RM Model Matrix

MODEL	DESCRIPTION						
EQ3720	8 Channel Relay Module (RM)						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>MOUNTING OPTION</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Din Rail</td> </tr> <tr> <td>P</td> <td>Panel</td> </tr> </tbody> </table>	TYPE	MOUNTING OPTION	D	Din Rail	P	Panel
TYPE	MOUNTING OPTION						
D	Din Rail						
P	Panel						
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TYPE	APPROVALS						
R	RUSSIA						
W	FM/CSA/ATEX/IECEX						

EQ3720 Relay Module

Model	Part Number	Material	FM/CSA/ATEX/IECEX	Ship Weight
EQ3720DW	007792-003	AL	X	2.0 lb (0.90 kg)
EQ3720PW	007792-002	AL	X	1.0 lb (0.45 kg)

EQ3720 Relay Module - Russia

Model	Part Number	Material	RUSSIA	Ship Weight
EQ3720DR	007792-903	AL	X	2.0 lb (0.90 kg)
EQ3720PR	007792-902	AL	X	1.0 lb (0.45 kg)

Contact factory for availability.

FlexVu® UD10-DCU Universal Display



FlexVu UD10-DCU Universal Display (Spec Sheet 90-1200) is recommended for applications that require a gas detector with digital readout of detected gas levels. Its LON interface board makes the FlexVu UD10 compatible with Eagle Quantum Premier Systems by digitizing the 4-20 mA analog signal from the attached sensor/transmitter and transmitting the value as a process variable over the LON to the EQP controller. The UD10 is designed for use with a variety of Det-Tronics gas sensors for combustible and toxic detection. When used with the EQP controller, it meets all gas performance standards.

- Compliance to ISA-92.0.01 Part 1 performance standard
- Performance certified to FM 6320, CSA 22.2 #152, EN60079-29-1, ANSI/ISA 60079-29-1, and IEC60079-29-1
- Division Approval Ratings: FM and CSA
- Zone Approval Ratings: FM, CSA, ATEX, and IECEx
- Accepts 4-20 mA input from a variety of detection devices (gas, flame, pressure, flow, etc.)
- Compatible with FlexSonic Acoustic leak detector AC100/ATX10, providing spectrum display and configuration setup menus
- Non-intrusive menu allows device calibration without de-classifying the hazardous area
- Continuously displays gas level, gas type, and units measured
- Alarm setpoints adjustable via network
- Data logger for event time and date stamping
- Heated and backlit display
- IP66 rated
- Emulates the EQ22xxDCU for direct replacement
- Replaces EQ2200 DCUEx for direct replacement

FlexVu UD10 DCU Model Matrix

MODEL	DESCRIPTION	
UD10	Universal Display Unit	
	TYPE	MATERIAL
	A	Aluminum
	S	Stainless Steel (316)
	TYPE	THREAD TYPE
	5M	5 Port, Metric M25
	5N	5 Port, 3/4" NPT
	TYPE	OUTPUTS
	28	EQP - DCU Emulator
	TYPE	APPROVALS
	B	INMETRO (BRAZIL)
	W	FM/CSA/ATEX/IECEX
	TYPE	CLASSIFICATION (Div/Zone)
	2	Ex d (Flameproof)
	TYPE	OPTIONAL CONDITIONING BOARD
	(Blank)	None
	C	CGS

DEVICES

FlexVu UD10-DCU Universal Display

Model	Part Number	Material	Threads	EQP-DCU Emulator	Cond. Board	FM/CSA/ATEX/IECEX
UD10A5M28W2	010765-005	AL	M25	X		X
UD10A5N28W2	010765-006	AL	3/4 NPT	X		X
UD10S5M28W2	010765-007	316 SS	M25	X		X
UD10S5N28W2	010765-008	316 SS	3/4 NPT	X		X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

FlexVu UD10-DCU Universal Display - CGS

Model	Part Number	Material	Threads	EQP-DCU Emulator	Cond. Board	FM/CSA/ATEX/IECEX
UD10A5M28W2C	010254-005	AL	M25	X	CGS	X
UD10A5N28W2C	010254-006	AL	3/4 NPT	X	CGS	X
UD10S5M28W2C	010254-007	316 SS	M25	X	CGS	X
UD10S5N28W2C	010254-008	316 SS	3/4 NPT	X	CGS	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

FlexVu UD10-DCU Universal Display - Brazil

Model	Part Number	Material	Threads	EQP-DCU Emulator	Cond. Board	INMETRO
UD10A5N28B2	010765-086	AL	3/4 NPT	X		X
UD10S5M28B2	010765-087	316 SS	M25	X		X
UD10S5N28B2	010765-088	316 SS	3/4 NPT	X		X
UD10A5N28B2C	010254-086	AL	3/4 NPT	X	CGS	X
UD10S5M28B2C	010254-087	316 SS	M25	X	CGS	X
UD10S5N28B2C	010254-088	316 SS	3/4 NPT	X	CGS	X
Ship Weight: Aluminum = 4.2lb (1.9kg) Stainless Steel = 10.5lb (4.8kg)						

FlexVu UD10 Spare Module

Part Number	Description	Output	Ship Weight
010535-001	UD10 Display Module	EQP-DCU	1 lb (0.45 kg)

FlexVu UD10 Accessories

Part Number	Description	Ship Weight
009700-001	Magnetic Tool	<1 lb (0.45 kg)
014019-001	Gas Inspector 11 CD	<1 lb (0.45 kg)
014020-001	W6300G1006 Gas Inspector 11 Kit (includes CD)	1 lb (0.45 kg)
102988-002	Plug, 5.0mm, 6 Position - P2	<1 lb (0.45 kg)
102988-026	Plug, 5.0mm, 3 Position - P1 (J10, CGS)	<1 lb (0.45 kg)
102988-028	Plug, 5.0mm, 5 Position - (J3, CGS)	<1 lb (0.45 kg)
103726-002	Plug, 3.5mm, 3 Position - J2	<1 lb (0.45 kg)
103726-004	Plug, 3.5mm, 5 Position - J3	<1 lb (0.45 kg)
103726-011	Plug, 3.5mm, 12 Position - J4	<1 lb (0.45 kg)

EQ2400NE Network Extender



EQ2400NE Network Extender (Spec Sheet: 90-1132) expands the capabilities of the Eagle Quantum Premier system by allowing additional nodes as well as additional wiring to be added to the LON communication loop. Without a network extender, the communication network is limited to 60 nodes on a 2,000 meter loop. Each network extender increases the capacity of the loop by 40 nodes and an additional 2,000 meters of wiring. The maximum system size is 246 field nodes and 10,000 meters of wiring. To ensure optimum performance, it is important to distribute the network extenders along the loop so that no more than 40 nodes or 2,000 meters of wiring are on either side of a network extender.

Network extender circuitry supports communication in both directions. If a network fault should occur, uninterrupted communication can continue in the opposite direction.

- Increases network capacity by 40 nodes per unit (system maximum = 246)
- Each extender increases wiring length by 2,000 meters
- Visual indication of network traffic
- Up to 6 extenders can be added per system

EQ24xxNE - Network Extender

Model	Part Number	Material	Thread	Ports	FM/CSA/ ATEX/IECEX	Ship Weight
EQ2453NE	006941-009	AL	3/4 NPT	5	X	6 lb (2.7 kg)
EQ2408NE	006941-007	AL	3/4 NPT	6	X	6 lb (2.7 kg)
EQ2407NE	006941-003	AL	M25/M20	5	X	6 lb (2.7 kg)
EQ2409NE	006941-008	AL	M25/M20	6	X	6 lb (2.7 kg)
EQ2463NE	006941-010	SS	3/4 NPT	5	X	10 lb (4.5 kg)
EQ2417NE	006941-006	SS	M25/M20	5	X	10 lb (4.5 kg)

DEVICES

EQ2400PLR Physical Layer Repeater



EQ2400PLR Physical Layer Repeater (spec sheet 90-XXXX) is a repeater module that is connected between two network segments. A network segment is defined as the segment between two network extenders or the segment between an EQP controller and a network extender. The purpose of the physical layer repeater is to eliminate communication interference resulting from network wiring opens caused by a break in the wire or a bad connection. An open wire will result in the reflection of the network signal back along the network wiring segment. This interference has the potential to cause a network device to fault isolate. This will occur at a device located at a certain distance from the network open. Typically the distance lies between 350 and 500 meters and is dependent upon the electrical characteristics of the network cable.

- Suppresses reflection
- Amplifies signal

EQ24XX PLR Physical Layer Repeater

Model	Part Number	Material	Thread	Ports	FM/CSA/ ATEX/IECEX	Ship Weight
EQ2453PLR	009183-001	AL	3/4 NPT	5	X	6 lb (2.7 kg)
EQ2457PLR	009183-002	AL	M25/M20	6	X	6 lb (2.7 kg)
EQ2463PLR	009183-003	SS	3/4 NPT	5	X	10 lb (4.5 kg)
EQ2467PLR	009183-004	SS	M25/M20	5	X	10 lb (4.5 kg)
EQ24EMPLR	009183-005	-	-	-	-	1 lb (0.46 kg)

Risk Area Heat Detector Model HD



The **Risk Area Heat Detector** (Spec Sheet: 90-1211) accurately senses the surrounding air temperature and actuates an electrical contact output at a pre-determined temperature.

The certified SIL 2 Capable heat detector can be used as an alarm device to sense excessive heat or fire and warn personnel, or it can be used as a signaling device to sense fire and send a signal to an alarm panel for actuation of a fire suppression system.

The design of the heat detector utilizes Rate Compensation, which provides enhanced performance when compared to fixed-temperature or rate-of-rise detectors. The Model HD Detector senses the surrounding air temperature and actuates its output when the temperature reaches the pre-determined level, regardless of the fire growth rate. The unique properties of the alloy outer shell allow the Model HD to respond more quickly as the fire growth rate increases; i.e. the faster the fire grows, the sooner the unit will react.

The device is furnished with an explosion-proof junction box. The detector's electrical contact is factory wired to a screw terminal block located within the junction box. All external wiring to the device is also connected to this terminal block. The screw terminals accept wiring from 12 to 24 AWG. The junction box is available in aluminum or stainless steel, with two or four conduit entries, and either 3/4 inch NPT or 25 mm threads.

The Model HD is ideally suited for use in hazardous (classified) locations.

- Repeatable - resets itself, nothing to replace, testable
- Certified SIL 2 Capable models available
- Rugged - withstands shock and vibration
- Versatile - various temperature settings available
- Economical - wide spacings reduce installation costs
- Factory set internal contact area is hermetically sealed in stainless steel
- Ease of wiring and installation
- Aluminum or stainless steel junction box, stainless steel heat detector
- Approved and certified to FM, CSA, IECEx, and ATEX Hazardous Location standards
- Compatible with EDIO and DCIO LON devices

APPLICATIONS

- | | |
|--|--------------------------------------|
| • Turbine enclosures | • Power generation |
| • Confined spaces and dirty environments | • Gas station islands |
| • Fuel cells | • Miscellaneous industrial processes |
| • Gas compressors | • Anywhere fire can occur |

DEVICES

HD Model Matrix

MODEL	DESCRIPTION
HD	Risk Area Heat Detector
TYPE	SETTING
140	140° F (60° C)
160	160° F (71° C)
190	190° F (88° C)
210	210° F (99° C)
225	225° F (107° C)
275	275° F (135° C)
325	325° F (163° C)
360	360° F (182° C)
450	450° F (232° C)
500	500° F (260° C)
600	600° F (316° C)
725	725° F (385° C)
TYPE	MATERIAL
A	Aluminum
S	Stainless Steel (316)
TYPE	THREAD TYPE
2M	2 Port, Metric M25
2N	2 Port, 3/4" NPT
4M	4 Port, Metric M25
4N	4 Port, 3/4" NPT
TYPE	OUTPUT
11	Contact Closure
TYPE	APPROVALS
B	INMETRO (Brazil)
S	SIL
T	SIL/FM/CSA/ATEX/IECEX
TYPE	CLASSIFICATION
1	Div/Zone Ex d e
2	Div/Zone Ex d

Risk Area Heat Detector Model HD 140-190 Degrees

Part Number	Model	°F Setting	Material	# of Ports	Threads	Ex d e	Ex d	FM/CSA/ ATEX/IECEX/ SIL
010935-001	HD140A2N11T1	140	AL	2	3/4 NPT	X		X
010935-002	HD140A2M11T1	140	AL	2	M25	X		X
010935-005	HD140A2N11T2	140	AL	2	3/4 NPT		X	X
010935-006	HD140A2M11T2	140	AL	2	M25		X	X
010935-003	HD140S2N11T1	140	SS	2	3/4 NPT	X		X
010935-004	HD140S2M11T1	140	SS	2	M25	X		X
010935-007	HD140S2N11T2	140	SS	2	3/4 NPT		X	X
010935-008	HD140S2M11T2	140	SS	2	M25		X	X
010935-017	HD160A2N11T1	160	AL	2	3/4 NPT	X		X
010935-018	HD160A2M11T1	160	AL	2	M25	X		X
010935-021	HD160A2N11T2	160	AL	2	3/4 NPT		X	X
010935-022	HD160A2M11T2	160	AL	2	M25		X	X
010935-030	HD160A4M11T2	160	AL	4	M25		X	X
010935-019	HD160S2N11T1	160	SS	2	3/4 NPT	X		X
010935-020	HD160S2M11T1	160	SS	2	M25	X		X
010935-023	HD160S2N11T2	160	SS	2	3/4 NPT		X	X
010935-024	HD160S2M11T2	160	SS	2	M25		X	X
010935-033	HD190A2N11T1	190	AL	2	3/4 NPT	X		X
010935-034	HD190A2M11T1	190	AL	2	M25	X		X
010935-037	HD190A2N11T2	190	AL	2	3/4 NPT		X	X
010935-038	HD190A2M11T2	190	AL	2	M25		X	X
010935-035	HD190S2N11T1	190	SS	2	3/4 NPT	X		X
010935-036	HD190S2M11T1	190	SS	2	M25	X		X
010935-039	HD190S2N11T2	190	SS	2	3/4 NPT		X	X
010935-040	HD190S2M11T2	190	SS	2	M25		X	X
Ship Weight: Aluminum = 4.5 lb (2.0 kg) Stainless Steel = 9.70 lb (4.4 kg)								

*For "xxx", Insert required temperature from model matrix.

(Seed number reference 010935-000)

DEVICES

Risk Area Heat Detector Model HD 210-275 Degrees

Part Number	Model	°F Setting	Material	# of Ports	Threads	Ex d e	Ex d	FM/CSA/ ATEX/IECEX
010935-049	HD210A2N11T1	210	AL	2	3/4 NPT	X		X
010935-050	HD210A2M11T1	210	AL	2	M25	X		X
010935-053	HD210A2N11T2	210	AL	2	3/4 NPT		X	X
010935-054	HD210A2M11T2	210	AL	2	M25		X	X
010935-051	HD210S2N11T1	210	SS	2	3/4 NPT	X		X
010935-052	HD210S2M11T1	210	SS	2	M25	X		X
010935-055	HD210S2N11T2	210	SS	2	3/4 NPT		X	X
010935-056	HD210S2M11T2	210	SS	2	M25		X	X
010935-065	HD225A2N11T1	225	AL	2	3/4 NPT	X		X
010935-066	HD225A2M11T1	225	AL	2	M25	X		X
010935-069	HD225A2N11T2	225	AL	2	3/4 NPT		X	X
010935-070	HD225A2M11T2	225	AL	2	M25		X	X
010935-067	HD225S2N11T1	225	SS	2	3/4 NPT	X		X
010935-068	HD225S2M11T1	225	SS	2	M25	X		X
010935-071	HD225S2N11T2	225	SS	2	3/4 NPT		X	X
010935-072	HD225SM11T2	225	SS	2	M25		X	X
010935-081	HD275A2N11T1	275	AL	2	3/4 NPT	X		X
010935-082	HD275A2M11T1	275	AL	2	M25	X		X
010935-085	HD275A2N11T2	275	AL	2	3/4 NPT		X	X
010935-086	HD275A2M11T2	275	AL	2	M25		X	X
010935-083	HD275S2N11T1	275	SS	2	3/4 NPT	X		X
010935-084	HD275S2M11T1	275	SS	2	M25	X		X
010935-087	HD275S2N11T2	275	SS	2	3/4 NPT		X	X
010935-088	HD275S2M11T2	275	SS	2	M25		X	X
Ship Weight: Aluminum = 4.5 lb (2.0 kg) Stainless Steel = 9.70 lb (4.4 kg)								

Risk Area Heat Detector Model HD 325-360 Degrees

Part Number	Model	°F Setting	Material	# of Ports	Threads	Ex d e	Ex d	FM/CSA/ ATEX/IECEX
010935-097	HD325A2N11T1	325	AL	2	3/4 NPT	X		X
010935-098	HD325A2M11T1	325	AL	2	M25	X		X
010935-101	HD325A2N11T2	325	AL	2	3/4 NPT		X	X
010935-102	HD32512M11T2	325	AL	2	M25		X	X
010935-099	HD325S2N11T1	325	SS	2	3/4 NPT	X		X
010935-100	HD325S2M11T1	325	SS	2	M25	X		X
010935-103	HD325S2N11T2	325	SS	2	3/4 NPT		X	X
010935-104	HD325S2M11T2	325	SS	2	M25		X	X
010935-113	HD360A2N11T1	360	AL	2	3/4 NPT	X		X
010935-114	HD360A2M11T1	360	AL	2	M25	X		X
010935-117	HD360A2N11T2	360	AL	2	3/4 NPT		X	X
010935-118	HD360A2M11T2	360	AL	2	M25		X	X
010935-115	HD360S2N11T1	360	SS	2	3/4 NPT	X		X
010935-116	HD360S2M11T1	360	SS	2	M25	X		X
010935-119	HD360S2N11T2	360	SS	2	3/4 NPT		X	X
010935-120	HD360S2M11T2	360	SS	2	M25		X	X
Ship Weight: Aluminum = 4.5 lb (2.0 kg) Stainless Steel = 9.70 lb (4.4 kg)								

Risk Area Heat Detector Model HD 450 - 725 Degrees

Part Number	Model	°F Setting	Material	# of Ports	Threads	Ex d e	Ex d	SIL/FM/CSA/ ATEX/IECEX
012456-005	HD450A2N11T2	450	AL	2	3/4 NPT		X	X
012456-006	HD450A2M11T2	450	AL	2	M25		X	X
012456-037	HD600A2N11T2	600	AL	2	3/4 NPT		X	X
012456-038	HD600A2M11T2	600	AL	2	M25		X	X
012456-039	HD600S2N11T2	600	SS	2	3/4 NPT		X	X
012456-040	HD600S2M11T2	600	SS	2	M25		X	X
Ship Weight: Aluminum = 4.5 lb (2.0 kg) Stainless Steel = 9.70 lb (4.4 kg)								

DEVICES

Stop Plugs and Reducers

ITEM NUMBER	STYLE	MATERIAL	OVERALL LENGTH (mm)	THREAD TYPE	HEX SIZE
101197-001	TYPE A STOP PLUG	ALUMINUM	14.8	3/4 NPT	12
101197-002	TYPE A STOP PLUG	ALUMINUM	14.5	1/2 NPT	10
101197-003	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M25	12
101197-004	TYPE A STOP PLUG	STAINLESS STEEL	14.8	3/4 NPT	12
101197-005	DOME HEAD STOP PLUG	ALUMINUM	21.5	M25	12
101197-006	DOME HEAD STOP PLUG	ALUMINUM	21.5	M20	10
101197-007	DOME HEAD STOP PLUG	STAINLESS STEEL	21.5	M20	10
101197-008	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M20	10
101197-009	DOME HEAD STOP PLUG	NICKEL BRASS	21.5	M25	12
101197-010	TYPE A STOP PLUG	NICKEL BRASS	14.8	3/4 NPT	12
101197-011	TYPE A STOP PLUG	NICKEL BRASS	14.5	1/2 NPT	10
101197-012	TYPE A STOP PLUG	STAINLESS STEEL	14.5	1/2 NPT	10
101197-501	IP WASHER	NYLON	-	M20	-
101197-502	IP WASHER	NYLON	-	M25	-
101197-503	IP WASHER	TEFLON PTFE	-	M20	-
101197-504	IP WASHER	TEFLON PTFE	-	M25	-
102804-001	REDUCER	ALUMINUM	-	M25 to M20	-
102804-003	REDUCER	STAINLESS STEEL	-	M25 to M20	-

Ship Weight: 1/2 NPT = 0.07lb (0.030kg), 3/4 NPT = 0.11lb (0.05kg), M20 = 0.14lb (0.062kg), M25 = 0.28lb (0.125 kg)
Available Stop Plug Approvals: ATEX, IECEx, CEC, NEC, EAC, INMETRO, SAC, UKRAINE, CCoE, ABS, LLOYD'S, RMRS



Dome Head Stop Plug - Nickel Brass



Type A Stop Plug - Nickel Brass

*Type/TYPER 4 and IP66 rating requires addition of Teflon tape

**Metric threaded stop plugs are fitted with silicone O-Rings

***For silicone sensitive applications the silicone O-Ring can be removed from Metric stop plugs and fitted with an IP washer

Manual Call Stations (non-addressable)



Class 1, Division 1

Part Number	Description	Ship Weight
000115-316	MCP, PB, 3XM20, Red, Duty 3.3K Series, 10K EOL	5.5 lb (2.5 kg)
000115-317	MCP, PB, 3XM20, Red, Duty 1.5K Series, 2.4K EOL	5.5 lb (2.5 kg)
000115-333	MCP, BG, ATEX, IECEx, Tag, Red 10K EOL, 1K Series, DP	5.5 lb (2.5 kg)
000115-195	Manual Pull Station, push button with lift flap (dual action), SPST contact, surface mount, alloy housing painted red, key for reset, 1/2" NPT bottom, includes "FIRE-PUSH BUTTON" label, Class 1, Division 1, Groups C-D, Type 4X, UL	5.5 lb (2.5 kg)
000115-003	Manual Pull station, Dual Action Lift and Pull Ring, 3/4" Entry, Class 1, Division 1, SPDT Contacts, Groups C & D, Aluminum material, UL, ULC, CSA, CSFM Listed, Red Finish	5.5 lb (2.5 kg)
000115-040	Manual Pull Station, pull ring with lift flap (dual action), SPDT contact, surface mount, Aluminum housing, two 3/4" NPT (F) entries, Class 1, Division 1, Groups B, C, & D, Type 4/7/9, ULC, Red Finish	5.5 lb (2.5 kg)
000115-010	Manual Pull Station, Single Action (Dual if used with Lift Flap), DPDT Contacts, Aluminum material, Class 1, Division 1, Groups B, C, & D, Type 4X, UL Listed, Red Finish, Model B-9	3.5 lb (1.6 kg)
000210-709	Lift Flap for B-9, "CO2 Release" label	0.5 lb (.23 kg)
000115-011	Lift Flap for B-9, "FIRE ALARM" label	0.5 lb (.23 kg)
000115-012	Lift Flap for B-9, "FIRE SYSTEM RELEASE" label	0.5 lb (.23 kg)
000115-027	Lift Flap for B-9, "FM-200 Release" label	0.5 lb (.23 kg)

NOTE: Average lead time is 4-6 weeks. For additional options, please consult the factory.



Class 1, Division 2

Part Number	Description	Ship Weight
000115-006	MCP Push Button, 24V, Red, IECEx Call Point	2.7 lb (1.3 kg)
000115-278	MCP, PB, Single Switch, Red, ATEX Call Point	2.7 lb (1.3 kg)
000115-279	MCP, PB, Single Switch, YEL, ATEX Call Point	2.7 lb (1.3 kg)
000115-053	Manual Pull Station, pushbutton type with lift flap (dual action), Class 1, Division 2, Groups A, B, C, & D, Type 4X, SPST contact, surface mount, GRP housing painted red, key for reset, two 1/2" NPT (F) entries, includes "FIRE ALARM" label and 10K EOL resistor, UL	2.7 lb (1.3 kg)
000115-054	Manual Call Station, break glass type, SPST contact, Class 1, Division 2, Groups A, B, C, & D, Type 4X, SPST contact, surface mount, GRP housing painted red, key for test, two 1/2" NPT (F) entries, includes "FIRE BREAK GLASS" label, no EOL resistor, UL	2.7 lb (1.3 kg)

NOTE: Average lead time is 4-6 weeks. For additional options please consult the factory.

DEVICES

General Purpose

Part Number	Description	Ship Weight
000515-012	Manual Pull Station, Dual Action w/ Labels, DPST Contacts, Red Finish, Model 3300	1.2 (.6 kg)
000115-051	Manual Pull Station, Dual Action w/ Labels, SPST Contacts, Red Finish, Model 3300	1.2 (.6 kg)
000515-013	Weatherproof Backbox for 3300 Pull Station	1 lb (.45 kg)
000515-014	Indoor Backbox for 3300 Pull Station	0.5 lb (.23 kg)

NOTE: Average lead time is 4-6 weeks. For additional options please consult the factory.

Accessories

Part Number	Description	Ship Weight
000115-028	Glass Breakrods for B-9 (10 Pk)	0.5 lb (.23 kg)
000515-015	Glass Breakrods for 3300 Pull Station (12 Pk)	0.5 lb (.23 kg)
000515-016	Spare Key for 3300 Pull Station	0.5 lb (.23 kg)
000106-108	EOL Resistor, 10K Ohm	<1 lb (<.45 kg)
000115-334	Spare Break Glass, E2S 50=1 EA Pack of 50	2 lb (.9 kg)

NOTE: Average lead time is 4-6 weeks. For additional options please consult the factory.

Horns (non-addressable)

Class 1, Division 1



Part Number	Description	Ship Weight
000121-408	Sounder/Beacon Combo, E2X, 24 Vdc, 1/2" NPT, Lens Clear	10.3 lb (4.7 kg)
000122-135	Sounder, 24 Vdc, 110 dB @ 1M, ATEX Z1&2, 250mA, Blue Housing, 2-M20	10.3 lb (4.7 kg)
000122-186	Sounder, 24 Vdc, Red Housing, IP66 4XM20, 32 Tones, 104 dB(A)	10.3 lb (4.7 kg)
000122-240	Sounder, ATEX, IECEx, Tag, Red 2XM20, 3.3K EOL, Plug	10.3 lb (4.7 kg)
000122-241	Horn, 24 Vdc, 2XM20, Blk Body SS Bracket, UL, IECEx, ATEX	10.3 lb (4.7 kg)
000122-254	Sounder, 117 dB, C1D1, Red 24 Vdc, 1X1/2"NPT, 2XM20, ATEX, UL	10.3 lb (4.7 kg)
000122-144	Horn, 27 Tones, marine grade alloy, Up to 100+/-3 dB, UL Class 1, Division 1, Groups C & D, Type 4x, Voltage: 24 Vdc, Cable Entries: 1x3/4" NPT LHS, 1x3/4" NPT RHS, Duty Label: None, Tag Label: None, Other Features: None, Finish: Red Finish	12.3 lb (5.6 kg)
000122-098	Horn, Alloy, Up to 100+/-3dB, UL Class 1, Div 1, Groups C & D, Type 4x, 24VDC, 3/4" NPT bottom entry, No duty or tag label, Fitted with 10K EOL Resistor), Red finish	12.3 lb (5.6 kg)
000122-024	Horn, Explosion-Proof, Class 1, Division 1, 24 Vdc, 3/4" Entry, 100 dB @ 10 ft., UL, cUL, CSFM	10.3 lb (4.7 kg)
000122-036	Siren, Explosion-Proof, Class 1, Division 1, Groups B, C, & D, 4 Selectable Tones, 24 Vdc, 108 dB @ 10 ft., Type 4X, UL, cUL	23 (10.5 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

Class 1, Division 2



Part Number	Description	Ship Weight
000122-079	Horn, up to 115 dB, UL Class 1 Division 2, Class 1 Zones 1 & 2, Type 4X & 6, GRP material, 24 Vdc, no labels, one (1) 1/2" NPT entry, no special features, red finish	13.2 lb (6 kg)
000122-074	Horn, up to 118dB(A), GRP, UL Class 1 Division 2, Class 1 Zones 1 & 2, Class II Div 2, Groups F & G, Type 4x & 6, Voltage: 12V-48V d.c, Labels: None, Entries: 2x1/2" NPT, Options: None, Color: Painted Red	13.2 lb (6 kg)
000122-099	Horn, up to 118dB, GRP material, Certified EExd IIC T5, ATEX approved Ex II 2GD, IP66 & 67, 24 Vdc, No labels, two M20 entries, Natural Black finish	13.2 lb (6 kg)
000122-031	Alarm Horn, Class 1, Division 2, Groups A, B, C, & D, 24 Vdc, 0-110 dB @ 10 ft., Type 4X, UL, ULC, CSFM (requires tone module)	6.1 lb (2.7 kg)
000122-052	Universal Tone Module, 32 switchable Tones, UL, ULC, CSA, CSFM	0.5 lb (.23 kg)
000106-108	End of Line (EOL) Resistor, for supervision of end devices, 10K Ohm	<1 lb (<.45 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

DEVICES

General Purpose



Part Number	Description	Ship Weight
000122-039	Horn, 80 to 92 dB @ 10 ft, surface mount, diode polarized, UL Listed	1 lb (.45 kg)
000122-037	Indoor backbox, general purpose	0.5 lb (.23 kg)
000122-033	Horn, 24 Vdc, Non-Polarized, general purpose, Model 450	1.5 lb (.68 kg)
000122-034	Panel Mount Gasket Kit, 350/450	0.5 lb (.23 kg)
000122-035	Back Box for 450 Horn	1 lb (.45 kg)
000122-245	Sounder, IS, 105 dB, ATEX, FM, IP66 25mA, 16-28 Vdc, Red	1.5 lb (.68 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

Accessories

Part Number	Description	Ship Weight
000106-108	EOL Resistor, 10K Ohm	<1 lb (<.45 kg)

NOTE: For additional options please consult the factory.

Strobes (non-addressable)

Class 1, Division 1



Part Number	Description	Ship Weight
000121-458	Beacon, ATEX, IECEx, Tag, Red 2XM20, 3.3K EOL, Plug, Red Body	7.1 lb (3.2 kg)
000121-459	Beacon, ATEX, IECEx, Tag, Yellow 2XM20, 3.3K EOL, Plug, Red Body	7.1 lb (3.2 kg)
000121-460	Beacon, 5J, Red, Black Body, 2XM20 UL, IECEx, ATEX, 24 Vdc	7.1 lb (3.2 kg)
000121-510	Beacon, Xexon, Class 1 Div 1, Red/Red 5 Joule, 2X3/4 NPT, 2XM20, ATEX, UL	7.1 lb (3.2 kg)
000121-513	Strobe, 10 Joule, Blue Lens, Red Body, Class 1 Div 2, Z2, 24 Vdc	7.1 lb (3.2 kg)
000121-514	Strobe, 10 Joule, Amber Lens, Red Body, Class 1 Div 2, Z2, 24 Vdc	7.1 lb (3.2 kg)
000121-515	Strobe, 10 Joule, Clear Lens, Red Body, Class 1 Div 2, Z2, 24 Vdc	7.1 lb (3.2 kg)
000121-516	Strobe, 10 Joule, Red Lens, Red Body, Class 1 Div 2, Z2, 24 Vdc	7.1 lb (3.2 kg)
000121-121*	Xenon Strobe (5 Joule), Type 4X & 6, Alloy, UL Class 1, Division 1, Groups C & D, 24 Vdc, Red lens with no guard, 1/2" entries, No duty or Tag labels, Red finish	4.5 lb (2 kg)
000121-116*	Xenon Strobe 21 Joule, Type 4X & 6, UL Class 1, Division 1, Groups C & D, 24 Vdc, 3/4" NPT Entry, 60 flash per minute, Clear Lens with no lens guard, no duty or tag label, Alloy material, Red finish	14.5 lb (6.6 kg)
000121-028**	Strobe, Amber Lens, Class 1, Division 1, Groups C & D, 24 Vdc, 80 flash per minute, 3/4" Type 4X, UL, ULC, CSA, CSFM	18 lb (8.2 kg)
000121-029**	Strobe, Red Lens Class 1, Division 1, Groups C & D, 24 Vdc, 80 flash per minute, 3/4" Type 4X, UL, ULC, CSA, CSFM	18 lb (8.2 kg)
000121-030**	Strobe, Blue Lens Class 1, Division 1, Groups C & D, 24 Vdc, 80 flash per minute, 3/4" Type 4X, UL, ULC, CSA, CSFM	18 lb (8.2 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

*Stand-alone device

**Mounting accessory required

DEVICES

Class 1, Division 2



Part Number	Description	Ship Weight
000121-155	Strobe, Xenon type, 15 Joule, 24 Vdc, Pipe mount, 3/4" NPT (F) entry, natural black GRP housing, 60 flashes per minute, diode polarized, red lens with wire guard, Class 1, Division 2, Groups A-D, Type 4X, cULus	5.8 lb (2.6 kg)
000121-166	Strobe, Xenon type, 15 Joule, 24 Vdc, Pipe mount, 3/4" NPT (F) entry, natural black GRP housing, 60 flashes per minute, diode polarized, blue lens with wire guard, Class 1, Division 2, Groups A-D, Type 4X, cULus	5.8 lb (2.6 kg)
000121-156	Strobe, Xenon type, 15 Joule, 24 Vdc, Pipe mount, 3/4" NPT (F) entry, natural black GRP housing, 60 flashes per minute, diode polarized, amber lens with wire guard, Class 1, Division 2, Groups A-D, Type 4X, cULus	5.8 lb (2.6 kg)
000121-163	Strobe, Xenon type, 15 Joule, 24 Vdc, pipe mount, 3/4" NPT (F) entry, natural black GRP housing, 60 flashes per minute, diode polarized, clear lens with wire guard, Class 1, Division 2, Groups A-D, Type 4X, cULus	5.8 lb (2.6 kg)
000121-133	Strobe, Clear Lens, Class I, Division 2, 4-wire with supervisory diode, Type 4X, 24 Vdc, 80 flash/per minute, 1/2" Pipe Mount, UL, ULC, CSA, CSFM	2 lb (.9 kg)
000121-122	Xenon Strobe 5 Joule, ATEX Approved Ex II 2GD, EExd IIB T5, IP66 & 67 GRP Material, two M20 entries, 24 Vdc, 60 flash per munite, Red Lens with guard, Backstrap mounting, No duty or tag labels, Red finish	5.5 lb (2.5 kg)
000121-031	Strobe, Red Lens, 24 Vdc, 4X, Class 1, Division 2, Groups, A, B, C, & D, UL, cUL CSA, non-polarized	1.5 lb (.68 kg)
000121-035	Strobe, Amber Lens, 24 Vdc, 4X, Class 1, Division 2, Groups, A, B, C, & D, UL, cUL CSA, non-polarized	1.5 lb (.68 kg)
000121-037	Strobe, Blue Lens, 24 Vdc, 4X, Class 1, Division 2, Groups, A, B, C, & D, UL, cUL CSA, non-polarized	1.5 lb (.68 kg)
000121-478	Beacon, LED Warning, Red, 24DC 2-1/2" NPT, Brass Plug, Guard	3.3 lb (1.5 kg)
000121-499	Beacon/Horn Combo, Class 1, Div 2, E2S Auto-Sync	10 lb (4.5 kg)
000121-501	Beacon, Xenon, Class 1, Div 2, Red/Red 5 Joule, Guard, CSFM	3.3 lb (1.5 kg)
000121-502	Beacon, Xenon, Class 1, Div 2, Red/Amber 5 Joule, Guard, CSFM	3.3 lb (1.5 kg)
000121-503	Beacon, Xenon, Class 1, Div 2, Red/Clear 5 Joule, Guard, CSFM	3.3 lb (1.5 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

General Purpose

Part Number	Description	Ship Weight
000121-073	Strobe, Type 4X, Xenon type, 2.2 Joule, 1/2" pipe mount, 24 Vdc, red lens, UL/ULc/CSA, non-polarized	<1 lb (<.45 kg)
000121-115	Strobe, Type 4X, Xenon type, 2.2 Joule, 1/2" pipe mount, 24 Vdc, blue lens, UL/ULc/CSA, non-polarized	<1 lb (<.45 kg)
000505-005	End of Line / Polarizing Assembly, 10k Ohm	<1 lb (<.45 kg)
000121-038	Strobe, White Lens, 24 Vdc, 1/2" Pipe Mount, 300 Candlepower, Type 4X, UL, cUL, CSA, non-polarized	2 lb (.9 kg)
102778-003	Strobe, Blue Lens, 24 Vdc, 1/2" Pipe Mount, 300 Candlepower, Type 4X, UL, cUL, CSA, non-polarized	2 lb (.9 kg)
102778-004	Strobe, Red Lens, 24 Vdc, 1/2" Pipe Mount, 300 Candlepower, Type 4X, UL, cUL, CSA, non-polarized	2 lb (.9 kg)
000121-069	Strobe, Amber Lens, 24 Vdc, 1/2" Pipe Mount, 300 Candlepower, Type 4X, UL, cUL, CSA, non-polarized	2 lb (.9 kg)
000121-506	Beacon, 3 Way, G/A/R, UL, 3/4 NPT, M20, SS Guard	10 lb (4.5 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

Accessories

Part Number	Description	Ship Weight
000121-054	Ceiling Mount for 27XST, Federal CMXC	1.5 lb (.68 kg)
000121-331	Wall Mount for 27XST, Federal WMXC-SB	1.5 lb (.68 kg)
000121-318	Pendant Mount for 27XST, Federal PMXC-S8	1.5 lb (.68 kg)
000121-319	Dome Guard for 27XST, Federal DGXC-SB	<1 lb (<.45 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

DEVICES

Combination Horn/Strobe

Class 1, Division 2

Part Number	Description	Ship Weight
000121-075	Horn/Strobe Combination Unit Consisting of the following: Xenon Strobe, 5 Joule, Class 1, Division 2, Type 4X & 6, GRP Material, two (2) 1/2" NPT entries, 24 Vdc, 60 flash/minute, red lens with guard, no labels, red finish Sounder, up to 115 dB, Class 1 Division 2, Class 1 Zones 1 & 2, Type 4X & 6, GRP material, 24 Vdc, no Labels, one (1) 1/2" NPT entry, no special features, red finish 2-Way Baseplate	23 lb (10.5 kg)
000121-079	Horn/Strobe Combination Unit Consisting of the following: Xenon Strobe, 5 Joule, ATEX Approved Ex II 2G, EExd IIB T5, IP66 & 67, GRP Material, 24 Vdc, 60 flash/minute, red lens with guard, two (2) 20 mm entries, no labels Sounder, Up to 115 dB, ATEX Certified EExd IIC T5, IP66 & 67, GRP material, 24 Vdc, no labels, one (1) 20 mm entry, no special features, red finish 2-Way Baseplate	23 lb (10.5 kg)

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

General Purpose

Part Number	Description	Ship Weight
000122-078	Horn/Strobe, outdoor general purpose, clear lens labeled "FIRE", requires outdoor backbox	1.5 lb (.68 kg)
000121-120	Horn/Strobe, indoor general purpose, clear lens labeled "FIRE", requires indoor backbox	1.5 lb (.68 kg)
000122-037	Indoor/outdoor backbox (use with 000122-078 or 000121-120)	<1 lb (<.45 kg)
000122-251	A141, DC24G-P, Siren, 140 dB, IP65, 24 vdc, 45 Tones, w/Control Unit	
000122-253	Sounder, 116 dB, Class 1, Div 2, Red, 2 x 1/2" NPT, CSFM	

NOTE: Average lead time is 5-6 weeks. For additional options please consult the factory.

Accessories

Part Number	Description	Ship Weight
000106-108	000106-108 End of Line (EOL) Resistor, for supervision of end devices, 10K Ohm	<1 lb (<.45 kg)

NOTE: For additional options please consult the factory.

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Availability and specifications are subject to change without notice.
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SERVICES

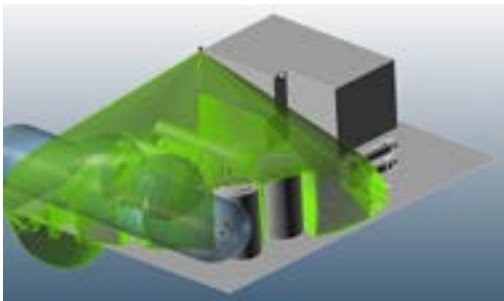
Note: Det-Tronics product videos can be found at: www.YouTube.com/@DetTronicsUSA/videos

3D Flame and Gas Mapping

DESCRIPTION OF SERVICE

The **3D Flame and Gas Mapping** service combines Det-Tronics expertise and proven detection technologies along with 3D mapping software to provide quantitative coverage analysis to ensure optimized detector placement. The 3D Flame and Gas Mapping service can help identify undetected hazards which may lead to a compromise in safety. The hazards include:

- Blind spots with zero coverage
- Lack of adequate coverage in high risk areas
- Obstructions in a detector's field of view



DELIVERABLES

A statistical analysis assessment report and a comprehensive flame and gas detector placement guide are provided upon completion of the analysis.

PROCESS

The 3D Flame and Gas Mapping solution requires Det-Tronics in-house experts to:

1. Consult and gather customer process data and requirements
2. Conduct safety analysis of requirements and process data using a 3D software mapping tool to determine detector placement
3. Identify zero coverage areas
4. Define coverage per detector

Information required from the customer includes:

- 3D model of process being mapped
- Hazard assessment
- Environmental attributes
- AHJ requirements

PRICING

Please contact the local Regional Sales Manager for a 3D Flame and Gas Mapping quotation.

If a 3D model of the process does not exist, Det-Tronics in-house expertise can convert 2D drawings into 3D models. Engineering labor rates will apply. Consult the local Regional Sales Manager for details.

2025 Det-Tronics University Field Training Rate Schedule

TRAINING DELIVERABLES

All courses provide verbal presentation, practical hands-on with applicable equipment or software, course material handouts, and respective product documentation for each participant. Certificates of Completion are issued on request.

FACTORY-CERTIFIED TECHNICAL TRAINER RATES

On-Site Per Day Rate (not to exceed 4 students and 8 hours).....	\$2,500.00
Day Rate for Each Additional student (not to exceed 10 total students)	\$450.00
Webinar/Phone Training Hourly Rate.....	\$550.00
Custom Course Development Hourly Rate	\$300.00
Custom Demonstration Setup (Requiring Project Engineering) Day Rate	\$2,750.00
On-Site Hourly Rate	\$275.00
Time and One-Half	\$405.00
Double Time	\$550.00
Travel Per Hour Rate.....	\$200.00

- NOTES:**
- Prices are effective January 1, 2025 and subject to change without notice.
 - Customer cancellations received 1 to 2 weeks from the scheduled delivery date will be charged 50% of the estimated cost of Field Service that is scheduled. If the cancellation is received less than one week from the scheduled delivery date, 100% will be charged.

TRAVEL, SHIPPING AND LIVING EXPENSES

Airfare, Auto Rental, Parking, Tolls, Hotel, Meals, etc.Cost +15%
 Mileage.....Based on the IRS rate for the year incurred +15%
 Shipping (each 2-person training demo kit weight can reach 100 lb).....Cost +15%
 Det-Tronics will supply receipts and documentation for the substantiation of reasonable travel and living expenses. These shall include air travel, hotel receipt, meals, car rental if used and misc expenses.

JANUARY 1, 2025

The above charges are for a normal eight-hour working day with time and one-half charged for Saturdays, and time over eight (8) hours for a weekday; Sundays and holidays and work after twelve (12) continuous hours will be charged at double time.

NOTES

- Det-Tronics personnel are not required to work more than 12 hours in any 24-hour period.
- Double time applies to all work/travel performed on Sundays, holidays, and work after 12 continuous hours.
- Det-Tronics personnel are not required to work more than 12 hours in any 24-hour period.
- All weekday or weekend travel time is chargeable per the above notes.
- Eight-hour minimum charge for all one-day sessions with four-hour minimum per day thereafter.
- Hazardous Duties, Offshore or other duties defined as hazardous (offshore platforms, chemical exposure, etc.) are subject to an additional charge of \$200 per day above the standard daily rate.
- Requests for training at locations deemed to be hazardous by Det-Tronics/Carrier (offshore platforms, dangerous chemical exposure, political unrest, etc.) or to be performed in a Travel Warning/Travel Alert location may be subject to additional charges, subcontracted, delayed, or cancelled.

DET-TRONICS FACTORY HOLIDAYS*

New Years Day	Memorial Day	Winter Holiday + 1
Martin Luther King Day	Independence Day +1	
Presidents' Day	Labor Day	
Good Friday	Thanksgiving + 1	

*Christmas Holidays are subject to change depending upon the specific days on which Christmas Eve and Day occur.

TRAINING EVENT SCHEDULING

Typically scheduled within 8-12 weeks of receiving purchase order; dependent on trainer and equipment availability.

TERMS OF PAYMENT

Purchase Orders must be received prior to shipping equipment and conducting training sessions. Fax to 952-829-8750 or email: orders.det-tronics@carrier.com
 Training Invoices are due and payable upon receipt. International Training Support is by Letter of Credit or Prepaid (estimated amount).

SERVICES

2025 Field Services Rate Schedule

FIELD SERVICE ENGINEER AND PROJECT/SOFTWARE ENGINEER

Rates	Field Service Engineer	Project/Software Engineer	Specialist
On Site Per Hour Rate	\$285.00	\$300.00	\$325.00
Travel Per Hour Rate	\$200.00	\$200.00	\$200.00

1. Time and one-half applies to all work / travel performed after 8 hours per day or on Saturday.
2. Double time applies to all work/travel performed on Sundays, holidays, and work after 12 continuous hours.
3. Det-Tronics personnel are not required to work more than 12 hours in any 24-hour period.
4. All weekday or weekend travel time is chargeable per the above notes.
5. Eight-hour minimum charge for all one-day service calls with four-hour minimum per day thereafter.
6. Requests for service work at locations deemed to be hazardous by Det-Tronics/Carrier (offshore platforms, dangerous chemical exposure, political unrest, etc.) or to be performed in a Travel Warning/Travel Alert location may be subject to additional charges, subcontracted, delayed, or cancelled.

DET-TRONICS FACTORY HOLIDAYS*

New Years Day	Memorial Day	Winter Holiday +1
Martin Luther King Day	Independence Day +1	
Presidents' Day	Labor Day	
Good Friday	Thanksgiving + 1	

*The Winter Holiday is subject to change depending upon the specific days on which Christmas Eve and Day occur.

WORKDAY DEFINED

The above charges are for a normal eight-hour working day with time and one-half charged for Saturdays, and time over eight (8) hours for a weekday; Sundays and holidays and work after twelve (12) continuous hours will be charged at double time. In addition, the travel and living expenses will be billed at cost, plus 10%. Det-Tronics will supply receipts and documentation for the substantiation of reasonable travel and living expenses. These shall include (1) air travel receipt if used, (2) hotel receipt if used, and (3) car rental receipt if used. No other receipts for living expenses will be furnished unless specifically requested by the purchaser in writing prior to the start of the assignment.

TIME SHEETS

Before the work commences, satisfactory arrangements must be made with Det-Tronics to review and sign Daily Time Sheets. It is suggested that the customer submits a written document to Det-Tronics, stating whether the customer or their authorized representative will be signing the time sheets. Disputes of any nature should be immediately reported, in writing, to Det-Tronics. Approval and acceptance of the work will be assumed if no arrangements have been made to sign the time sheets and invoicing will be submitted accordingly. Once signed, the time card is considered as acceptance of the work performed.

EXPENSES

Expense	Rates
Travel	At Cost +15%
Shipping	At Cost +15%
Living Expenses	At Cost +15%
Mileage	Based on the IRS rate for the year incurred +15%

TERMS OF PAYMENT

Purchase Orders must be received prior to shipping equipment and/or scheduling service. Fax to 952-829-8750 or email: orders.det-tronics@carrier.com. Invoices are due and payable upon receipt. International Field Service Support is by Letter of Credit or Prepaid (estimated amount).

CANCELLATION OR CHANGE IN SCHEDULING REQUEST

If Buyer cancels scheduled Field Services less than two (2) weeks but more than one (1) week prior to the scheduled date for those Field Services, Det-Tronics will bill Buyer a fee equivalent to fifty percent (50%) of the estimated cost of the scheduled Field Services. If Buyer cancels scheduled Field Services one (1) week or less prior to the scheduled date for those Field Services, Det-Tronics will bill Buyer a fee equivalent to one hundred percent (100%) of the estimated cost of the scheduled Field Services (each, a "Cancellation Fee"). Cancellation Fees are exclusive of and in addition to any charges to Buyer for the actual performance of the Field Services when performed. Buyer agrees that the Cancellation Fees are not a penalty, but rather a reasonable measure of damages, based upon potential inability to reschedule service technicians and rearrange travel schedules on short notice and other inefficiencies and additional work that may result to Det-Tronics from the cancellation. Det-Tronics may immediately cancel an order previously accepted if Buyer commits a material breach of these Field Service Terms and fails to remedy the breach within ten (10) business days following written notification thereof, if Buyer misuses Det-Tronics confidential information or commits a violation of the Code of Ethics, or if Buyer becomes insolvent or a petition is filed or proceedings commenced by or against Buyer relating to bankruptcy, receivership, reorganization or assignment for the benefit of creditors.

Repair Center Services

Refer to Customer Care/Technical Support & Repairs official web page (www.det-tronics.com) for RMA Services process forms, policies, terms, and repairable/non-repairable products list.

Repairs

REPAIR CENTER

Available only for active models listed in this price schedule. Before returning equipment for repair, contact Detector Electronics Customer Service Department to obtain a Return Material Authorization (RMA) number that will be reserved for your specific return order, and referenced in all documentation. Pack the return shipment carefully to avoid damage in transit. Place the RMA number, with your name and address as sender, plainly on the outside of the package.

CLASS I

Repair Charge \$640
Test Fee \$410

ATX10	FlexSonic Acoustic Transmitter
U9500 Infiniti	Gas Transmitter
UD10/UD20/UD30	Universal Display
Model 505	Gas Transmitter

CLASS II

Repair Charge \$1165
Test Fee \$525

EQ2100PSM	Power Supply Monitor
EQ24xxNE	EQP Component
EQ3700 DCIO	EQP Component
EQ3710 AIM	EQP Component
EQ3720 RM	EQP Component
EQ3730 EDIO	EQP Component
LS2000	Line-of-Sight Infrared Gas Detector
PIR9400	IR Detector
PIRECL	IR Gas Detector
X-Series Heads	Sensor Module
EQ37xx ASM/ASH	EQP Component

CLASS III

Repair Charge \$2100
Test Fee \$700

EQ3016	Eagle Quantum Premier (16 Node)
PIRDUCT	IR Detector
U5015	Smoke Detector
W867	(Battery Replacement) \$1705
X2200	UV Flame Detector
X3301	MIR Flame Detector
X3302	Hydrogen Flame Detector
X5200	UVIR Flame Detector
X9800	IR Flame Detector

CLASS IV

Repair Charge \$3500
Test Fee \$815

AC100	FlexSonic Acoustic Sensor
EQ3001	Eagle Quantum Premier (246 Node)
R7094	IR Controller

CLASS V

Gas Sensor Test Fee (all)	\$410
IR Sensor Module Test Fee	\$410
UV Sensor Module Test Fee	\$410
W8067S Bulb Replacement	\$410

SERVICES

NON-REPAIRABLE ITEMS

006148-002 Network Extender	1100 Gas Controller	DE6000-001 IR Module	PM-6 Flame Detector	TXL Gas Detector
006605-xxx U7602 E-Pkg	2000 Gas Controller	EA 2000 CG Gateway	PM-6M, MX Flame Detector	U7099 Flame Detector
006598-001 E-Mod	2100 Gas Controller	EAGLE 2000	PM-9 Flame Detector	U7600 A/B/C Flame Det.
30-2056B IR Detector	8000 Gas Controller	EQ2101MR Gen. Assy. Cage	PSS Test Lamps	U7602 Flame Det/Controller
30-3003/D Smoke Det.	8100 Gas Controller	EQ2220GFM	PW9200 PathWatch	U7652 Flame Detector
400 Gas TX	Air Dilution Kit	GTS Gas Module	R5010 Controller	U7698 A-D Flame Det./Controller
405 Gas TX	C7050 Flame Detector	GTX Gas Transmitter	R6001 Zone Unit	U7698 Flame Det./Controller
410 Gas TX	C7052 Flame Detector	K-Series TX	R6003 Zone Unit	U5005/6 Smoke Detector
415 Gas TX	C7061C Gas Detector	Laser Aimer	R7300 Flame Detector	U8700 Gas Detector
500 Gas TX	C7064E Sensor/Transmitter	MIR1 Gas Detector	R730X Flame Controller	U8800 Gas Detector
700 Transmitter	C7065 Sensor/Transmitter	MIR2 Gas Detector	EQ22XX DCU, IDC	U8810 Gas TX
704 Transmitter	C7093D & E Flame Detector	MIR3 Gas Transmitter	EQ25XX SAM, ARM	U-Series Flame Detector DExxxx IR modules
710 Gas Controller	C7098B Flame Detector	Model HD Heat Detector	R73XX Controller Brd	UD10 NTMOS Interface Bd.
740 Gas Controller	CGS	NTMOS Gas Detector	R74XX Flame Controller	UV Tube Module
800 Transmitter	DE2020 Camera	NTMOS H2S Gas Sensor	R1425 Detonator Module	W866 Test Lamp
808 Transmitter	DE4161-001 Electronic Mod	OPECL (RX/TX modules only)	R6006 Relay Module	W868 Test Lamp
810 Gas Controller	DE4960-001 Electronic Mod	PIRVOL IR Gas Detector	R8460 Gas Controller	W1212 Battery
820 Gas Controller	DE5203 Circuit Brd. Rpl.	PM-5CX Flame Detector	R8466 Gas Controller	W8066 UV Lamp
880 Gas Controller	DE5500-001 E-Mod	PM-5CXJ Flame Det.	SW9200 SlickWatch	W8067B Test Lamp
1000 Gas Controller	DE5994-003 E-Mod	PM-5MP, MPX Flame Det.	THZ Gas Detector	X3300/Pulse Flame Det

FACTORY REPAIR PRICING POLICY

Det-tronics Factory Repair Center utilizes standardized repair service pricing that characterizes product repair and testing fees by product class (groupings of similar products) for approved Repair Material Authorization (RMA) returns.

An authorized purchase order for the amount of the standard product class pricing is required prior to the Repair Center issuing an RMA identification number. All equipment returned within an approved RMA is to be shipped freight pre-paid to the Repair Center, and equipment return freight costs and any required sales tax will be added to invoice when applicable at actual cost.

Testing fees apply to non-warranty products tested and not repaired, or products subsequently found compliant with factory manufacturing quality & test parameters, eg no problem found. Testing fees will be waived if the customer property is repaired or a replacement item is purchased as part of the same transaction. All equipment requiring major component/assembly replacement such as pc boards or sensor modules will be invoiced at actual time and material cost as required to repair the product.

Typical equipment repair turn-around time ranges from one to four weeks after receipt at Repair Center, contingent upon prior RMA approval and provision of an accurate, concise description of the product problems or symptoms observed by the customer

Customer property returned to the Repair Center without an RMA identification number, authorized purchase order, or without any description of the product problem or symptoms will be handled on a case by case basis and special handling charges may apply.

Customer approval will be sought before proceeding if the repair costs fall out of our standard product class repair cost guidelines. Products returned for repair that do not fall into one of the defined product classes will be charged at 40 percent of the current list price for that item.

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REFERENCES

Acronyms

°C	Celsius
°F	Fahrenheit
Ω	Ohm
AFE	Analog Front End
AGC/TE	Automatic Gain Control/Thermoelectric Cooler
AGLD	Acoustic Gas Leak Detection
AIC	Acoustic Integrity Check
AIM	Analog Input Module
AL	Aluminum
amp(s)	Ampere/Amperes
AMPR	Acoustic Multi-Spectral Pattern Recognition
ANSI	American National Standards Institute
Arc	Arc Rejection – an algorithm that prevents false alarms from transient UV sources
ARM	Agent Release Module
ASH	Addressable Smoke & Heat
ASM	Addressable Smoke Module
assy	Assembly
ATEX	Standard for products used in explosive atmospheres
Aux	Auxiliary
AWG	American Wire Gauge
bd(s)	Boards
BNC	Bayonet Neill-Concelman Connector
cal	Calibration
CCTV	Closed Circuit Television
CD	Compact Disc
CE	'Conformité Européenne', French for 'European Conformity'
CFR	Code of Federal Regulations
COMM	Communication
config	Configuration
COV	Cone of Vision
cps	Counts per second
Ctrlr	Controller
CSA	Canadian Standards Association Certification
dB	Decibels
dBA	Decibels adjusted
DCIO	Discrete Input/Output
DCS	Distributed Control System
DCU	Digital Communication Unit
DDL	Device Description Language
DSP	Digital Signal Processing
DNV	Det Norske Veritas (Norway) approved
DVR	Digital Video Recorder
e	Increased Safety
ea	Each
EC	Electrochemical
EDIO	Enhanced Discrete Input/Output
EMC	Electro-Magnetic Compatibility
EMI	Electro-Magnetic Interference
Encl	Enclosure
EOL	End of Line
EQ	Eagle Quantum
EQP	Eagle Quantum Premier®
EVF	External Voltage Fluctuation
Ex d	Flame Proof
Ex e	Increased Safety
Ex db*	Flame Proof
Ex eb*	Increased Safety

*New alternative markings

REFERENCES

Exp	Explosion-proof
FAT	Factory Acceptance Test
FCA	Free Carrier
FF	Foundation™ Fieldbus
FOV	Field of View
FM	FM Approvals
ft	Foot or feet
GUI	Graphic User Interface
HART	Highway Addressable Remote Transducer
HMI	Human Machine Interface
Ht	Height
Hz	Hertz
GB	Gigabyte
GFM	Ground Fault Monitor
ia	Intrinsic Safety (Class I, Zone 0)
ib	Intrinsic Safety (Class I, Zone 1)
IEC	International Electrotechnical Commission
ID	Inside diameter
IDC	Initiating Device Circuits
IDCGF	Initiating Device Circuits Ground Fault
IECEX	Standard for explosive equipment for explosive atmosphere
Ind	Independent
IP	Ingress Protection
IR	Infrared
IS	Intrinsically Safe
ISA	The Instrumentation, Systems, and Automation Society
J-box	Junction box
kg	kilogram
kHz	kiloHertz
lb	Pound
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LFL-m	Lower Flammable Limit, meters
LON	Local Operating Network
LOS	Line-of-Sight
LPM	Liter(s) Per Minute
m	Meter(s)
mA	Milliampere(s)
MIR	Multispectrum Infrared
MOS	Metal-Oxide Semiconductor
mm	Millimeter(s)
mt	Mount
mtg	Mounting
N/A	Non-Applicable
N/C	No Charge
NE	Network Extender
NEC	National Electrical Code
NFPA	National Fire Protection Association
No.	Number
N.C.	Normally Closed contacts
NPT	National Pipe Thread
N.O.	Normally Open contacts
NT	Nanotechnology
NTSC	National Television System Committee
NVM	Nonvolatile Memory
o _i	Optical Integrity

REFERENCES

OD	Outside diameter
OEM	Original Equipment Manufacturer
OPC	Open for Process Control
oz	Ounce
p/n	Part number
PAL	Phase Alternating Line
PB	Pushbutton
PC	Personal Computer
PIRTB	Point-type Infrared Termination Box
pkg	Package
PLC	Programmable Logic Controller
PM	Power Monitor
ppb	Parts per billion
ppm	Parts per million
PSD	Power Spectral Density
PSM	Power Supply Monitor
PVC	Polyvinyl Chloride
R	Russian approved
Repl	Teplacement
RFI	Radio frequency interference
RH	Relative humidity
rly(s)	Relay/relays
RM	Relay Module
RTC	Real Time Clock
RTU	Remote Terminal Unit
RUS	Russian approved
Rx	Receiver
S ³	Safety System Software
SAM	Signal Audible Module
SCADA	Supervisory Control and Data Acquisition
SD	Secure Digital
sec	Seconds
sep	Separation
SIL	Safety Integrity Level
sgl	Single
SPL	Sound Pressure Level
SS	Stainless Steel
STAR	Selectable Transient Arc Rejection
surv	Surveillance
Tx	Transmitter
TAR	Transient Arc Rejection
TDSA	Time Domain Signal Analysis
temp	Temperature
UCR	Upper Count Rate
UEL	Upper Explosive Limit
UL	Underwriter Laboratories
ULC	Underwriter Laboratories of Canada Listed
Um	Maximum voltage
USB	Universal Serial Bus
UV	Ultraviolet
UVIR	Ultraviolet/Infrared
Vac	Volts alternating current
Vdc	Volts direct current
VDS	Verband der Sachversicherer (German approval)
Vol	Volume
w/	With
w/o	Without
WDT	Watch Dog Timer

Product Life Cycle Information

Contact your Det-Tronics Representative.

Terms and Conditions and Warranty

All sales are subject to Det-Tronics' "Terms and Conditions of Sale" found at www.det-tronics.com.

Please visit the website frequently. Det-Tronics reserves the right to make changes to Terms and Conditions of Sale without notice.

Note: Det-Tronics product videos can be found at: www.YouTube.com/@DetTronicsUSA/videos

REFERENCES

Ordering Information

Pricing and availability:

Det-Tronics
6901 West 110th Street
Minneapolis, Minnesota 55438 USA
+952-946-6491 or 1-800-765-3473
det-tronics@carrier.com

Order placement:

Send Purchase Orders to:
orders.det-tronics@carrier.com
or
Fax: +952-829-8750

Det-Tronics reserves the right to make substitutions or changes to products, prices, or terms and conditions without notice.

Pricing and payments are payable in U.S. Dollars. Delivery is FCA, Minneapolis, Minnesota, USA. Risk of loss and title shall transfer to Buyer at delivery to the first carrier. Prices shown do not include V.A.T., federal, state or local taxes, or customs duty. Custom export crating will be quoted upon request.

Expedited Shipments

Any order received and accepted before 11:00 AM CST, requesting same day shipment, will be treated as an “expedited shipment”. Additionally, any order received and accepted after 11:00 AM CST, requesting next day shipment, will be treated as an “expedited shipment”. There will be a minimum charge for “expedited shipments” of \$350. Detector Electronics cannot guarantee same day shipment for orders placed after 11:00 AM CST or non-domestic delivery addresses.

DISCLAIMER

Any technical assistance, recommendations or suggestions provided by Detector Electronics Corporation (Det-Tronics) as to the number or placement of any devices in any particular installation are provided for informational purposes only and are dependent upon there having been full, complete and accurate information provided to Det-Tronics. The end user (Owner) and the installer are the ultimate decision makers and are responsible to ensure that the actual installation is fully compliant with all local codes, rules and regulation, is fully approved by the authority having jurisdiction, and achieves the desired performance. Det-Tronics recommendations do not account for the unreported presence of disturbing elements (e.g., walls, partitions, solid objects, obstacles, wind, etc.) and cannot account for future changes to site conditions.

Document Charges

Certificates

	<u>Each</u>
Approval Certificates (i.e. FM, CSA, ATEX, IECEx)	No Charge
Certificate of Origin	No Charge
Calibration Certificate	No Charge
Certificate of Guarantee/Warranty	No Charge
Certificate of Quality	No Charge
Compliance/Conformance Certificate	No Charge
Test and Inspection Certificate	No Charge
Consularized Documents	Consult Factory
Dossiers/Binders - Consisting of:	
Index	
Test Data	
Product Specification Sheet	\$900.00 per set
Product Manual	
Product Catalog	
Any additions to above	Consult Factory
Drawings:	
Product Detail Drawing per product	Consult Factory
Spare Parts List per product	Consult Factory
Custom Drawings	Consult Factory
Any additions to above	Consult Factory
Product Manuals - Additional	\$3.00
Test Data	\$170.00
Courier of Documents (Letter Envelope only):	
Domestic (within U.S.)	\$55.00
International	\$85.00

Note: The above prices are not discountable.

Miscellaneous Charges

	<u>Each</u>
Assembly of product with another product Example: Transmitter and Sensor	\$300.00 per set
Paper Tags	Refer to Price List / Price Catalog
Stainless Steel Tags	Refer to Price List / Price Catalog
Stainless Steel Tags Attached	Refer to Price List / Price Catalog
Stainless Steel Tags Attached & Dip Switch	Refer to Price List / Price Catalog

Inspection at factory

Add \$2000 to orders up to \$250,000.
Please consult the factory for Inspections of orders greater than \$250,000 (This is based on a local inspector.)

Engineering testing for gas curves (must pre-qualify) Consult Factory

Det-Tronics may not accept some items for testing, such as hazardous, toxic, carcinogenic, pyrophoric, or hypergolic materials. In this case, an estimated gas curve may be provided based upon the Safety Data Sheet (S.D.S.), previous test data and engineering judgement. All requests for testing must be accompanied with an S.D.S for that material before any shipment of the material is made. Recent Minnesota State law also may preclude Det-Tronics from accepting or handling certain hazardous materials. Following is the recommended procedure for requests gas curve testing:

1. The request for gas curve testing, complete with appropriate S.D.S., should be issued to Det-Tronics Customer Service Dept. A purchase order issued to Det-Tronics for testing services will be required upon request approval.
2. A one-ounce sample of liquids or 7.5 liters of gaseous materials shall be packaged and shipped in the appropriate container to the attention of: Gas Sensor Gas Curve Test Lab.
3. A Material Safety Data Sheet must accompany each sample to be tested.
4. Technical information typically required for each compound includes: specific gravity, molecular weight, vapor density, flashpoint, and lower and upper flammability limit.
5. All sample materials will be returned to the customer after test completion for proper disposal.



Flame, Gas, Systems, and Services
Product Catalog
Effective: 1.Jan.2025

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