

Fixed Systems Sensors & Transmitters

M2A-XL Series Stand Alone Transmitter

ORDERING INFORMATION: All M2A-XL pricing includes the sensor and explosion proof housing.



Explosion Proof M2A-XL Assemblies: Class I, Division 1 Approved

Part#	Description	Suggested Retail
65-2646XL-05	M2A-XL, Carbon Monoxide (CO) 0-300 ppm, sensor / transmitter with j-box, cCSAus version	1,545.00
65-2667XL-HC	M2A-XL, Hydrocarbons (HC) LEL 0-100% transmitter with plug-in style sensor and j-box.....	1,965.00
65-2641XL-05	M2A-XL, Hydrogen (H2) specific LEL 0-100% sensor (catalytic) / transmitter with j-box, CSA version ...	1,595.00
65-2641XL	M2A-XL, Hydrogen (H2) specific LEL 0-100% sensor (catalytic) / transmitter with j-box, UL version	1,545.00
65-2642XL	M2A-XL, Hydrogen Cyanide (HCN) 0-15 ppm, sensor / transmitter with j-box, cCSAus version.....	1,750.00
65-2645XL-05	M2A-XL, Hydrogen Sulfide (H2S) 0-100 ppm, sensor / transmitter with j-box, cCSAus version	1,545.00
65-2660XL-10	M2A-XL, IR Carbon Dioxide (CO2) 0-100%, sensor / transmitter with j-box, cULus version	1,750.00
65-2660XL-02	M2A-XL, IR Carbon Dioxide (CO2) 0-5,000 ppm, sensor / transmitter with j-box, cULus version	1,750.00
65-2660XL-03	M2A-XL, IR Carbon Dioxide (CO2) 0-5%, sensor / transmitter with j-box, cULus version	1,750.00
65-2649XL-05	M2A-XL, IR Carbon Dioxide (CO2) 0-50%, sensor / transmitter with j-box, cULus version	1,750.00
65-2649XL-HC	M2A-XL, IR Hydrocarbons (isobutane) LEL 0-100% sensor / transmitter with j-box, cULus version	1,750.00
65-2649XL-CH4	M2A-XL, IR Methane (CH4) LEL 0-100% sensor / transmitter, with j-box, cULus version.....	1,750.00
65-2658XL-CH4	M2A-XL, IR Methane (CH4) vol 0-100% sensor / transmitter, with j-box, cULus version	1,750.00
65-2640XL-05	M2A-XL, LEL 0-100% sensor (catalytic) / transmitter with j-box, (specify calibration), cCSAus version ...	1,440.00
65-2640XL	M2A-XL, LEL 0-100% sensor (catalytic) / transmitter with j-box, (specify calibration), UL version	1,390.00
65-2667XL-CH4	M2A-XL, Methane (CH4) 0-100% LEL, transmitter with plug-in style sensor and j-box	1,965.00
65-2647XL	M2A-XL, Methane (CH4) 0-9,000 ppm, sensor / transmitter with j-box	1,470.00
65-2647XL-05	M2A-XL, Methane (CH4) 0-9,000 ppm, sensor / transmitter with j-box, cCSAus version	1,450.00
65-2643XL-05	M2A-XL, Oxygen (O2) 0-25%, sensor / transmitter with j-box, cCSAus version	1,440.00

Remote Mount M2A-XL with Calibration Adaptor / Splash Guard: Class I, Division 1 Approved

Note: Tubing sold separately. Recommended tubing size for standard sensors is 3/16" x 5/16".

For IR XP sensors use 1/4" ID x 3/8" OD tubing. **Not recommended for toxic gases.**

Part#	Description	Suggested Retail
65-2641XL-05-04	M2A-XL, Hydrogen (H2) specific %LEL sensor / transmitter with j-box, remote detector and calibration adapter/splash guard, cCSAus version	1,750.00
65-2641XL-04	M2A-XL, Hydrogen (H2) specific LEL 0-100% sensor (catalytic) / transmitter with j-box, remote detector and calibration adapter/splash guard, UL version	1,700.00
65-2645XL-05-04	M2A-XL, Hydrogen Sulfide (H2S) 0-100 ppm, sensor / transmitter with j-box, remote detector and calibration adapter/splash guard, cCSAus version	1,700.00
65-2649XL-HC-04	M2A-XL, IR Hydrocarbons (isobutane) LEL 0-100% sensor / transmitter with j-box, remote detector and calibration adapter/splash guard, cULus version	1,905.00
65-2649XL-CH4-4	M2A-XL, IR Methane (CH4) LEL 0-100% sensor / transmitter with j-box, remote detector and calibration adapter/splash guard, cULus version	1,905.00
65-2658XL-CH4-4	M2A-XL, IR Methane (CH4) vol 0-100% sensor / transmitter, with j-box, remote detector and calibration adapter/splash guard, cULus version	1,905.00
65-2640XL-04	M2A-XL, LEL 0-100% sensor (catalytic) / transmitter with j-box, (specify calibration), remote detector and calibration adapter/splash guard, UL version	1,545.00
65-2640XL-05-04	M2A-XL, LEL 0-100% sensor (catalytic) / transmitter with j-box, (specify calibration), remote detector and calibration adapter/splash guard, cCSAus version	1,595.00
65-2643XL-05-04	M2A-XL, Oxygen (O2) 0-25%, sensor / transmitter with j-box, remote detector and calibration adapter/splash guard, cCSAus version	1,595.00



65-2640XL-04



81-1116RK
cal cup



65-2649XL-CH4-4



81-1103RK-01
cal cup / splash guard for IR

Fixed Systems Sensors & Transmitters

Non Explosion Proof M2A-XL Assemblies with CT-7 Sensors: OK For Class I, Division 2

Part#	Description	Suggested Retail
65-2670XL-NH3-1	M2A-XL, Ammonia (NH3) 0 - 100 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-NH3-2	M2A-XL, Ammonia (NH3) 0 - 200 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-NH3-5	M2A-XL, Ammonia (NH3) 0 - 500 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-NH375	M2A-XL, Ammonia (NH3) 0 - 75 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2663XL	M2A-XL, Carbon Monoxide (CO) 0-300 ppm, CT-7 style sensor / transmitter with j-box, non explosion proof	1,490.00
65-2670XL-CL210	M2A-XL, Chlorine (Cl2) 0 - 10 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XLCL2107	M2A-XL, Chlorine (Cl2) 0 - 10 ppm, CT-7 style sensor / transmitter, remote sensor, non explosion proof with j-box	1,840.00
65-2670XL-CL2-3	M2A-XL, Chlorine (Cl2) 0 - 3 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-CL2-5	M2A-XL, Chlorine (Cl2) 0 - 5 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-CLO21	M2A-XL, Chlorine Dioxide (ClO2) 0 - 1 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-CLO23	M2A-XL, Chlorine Dioxide (ClO2) 0 - 3 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-HCL	M2A-XL, Hydrogen Chloride (HCL) 0 - 20 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-HCN15	M2A-XL, Hydrogen Cyanide (HCN) 0 - 15 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2662XL	M2A-XL, Hydrogen Sulfide (H2S) 0-100 ppm, CT-7 style sensor / transmitter with j-box, non explosion proof	1,490.00
65-2670XL-NO	M2A-XL, Nitric Oxide (NO) 0 - 100 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-NO2	M2A-XL, Nitrogen Dioxide (NO2) 0 - 15 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00
65-2670XL-SO210	M2A-XL, Sulfur Dioxide (SO2) 0 - 10 ppm, CT-7 style sensor / transmitter, non explosion proof with j-box	1,750.00



Non Explosion Proof M2A-XL Assemblies: OK For Class I, Division 2

Part#	Description	Suggested Retail
65-2648XL-NH3	M2A-XL, Ammonia (NH3) 0-75 ppm, transmitter, ESM-01 style sensor with j-box	1,595.00
65-2648XL-ASH3	M2A-XL, Arsine (AsH3) 0-1.5 ppm, transmitter, ESM-01 style sensor with j-box	1,595.00
65-2648XL-HCN	M2A-XL, Hydrogen Cyanide (HCN) 0-15 ppm, transmitter, ESM-01 style sensor with j-box	1,595.00
65-2661XL-10	M2A-XL, IR Carbon Dioxide (CO2) 0-100%, sensor / transmitter, non explosion proof with j-box	1,640.00
65-2661XL-02	M2A-XL, IR Carbon Dioxide (CO2) 0-5,000 ppm, sensor / transmitter, non explosion proof with j-box	1,640.00
65-2661XL-03	M2A-XL, IR Carbon Dioxide (CO2) 0-5%, sensor / transmitter, non explosion proof with j-box	1,640.00
65-2661XL-05	M2A-XL, IR Carbon Dioxide (CO2) 0-50%, sensor / transmitter, non explosion proof with j-box	1,640.00
65-2666XL	M2A-XL, Oxygen (O2) 0 - 25% sensor (capillary type) / transmitter with j-box (non explosion proof) ...	1,370.00
65-2644XL	M2A-XL, Oxygen (O2) 0-25%, sensor / transmitter with j-box, partial pressure sensor	1,325.00
65-2648XL-PH3	M2A-XL, Phosphine (PH3) 0-1 ppm, transmitter, ESM-01 style sensor with j-box	1,595.00
65-2648XL-SO2	M2A-XL, Sulfur Dioxide (SO2) 0-6 ppm, transmitter, ESM-01 style sensor with j-box	1,595.00



Fixed Systems Sensors & Transmitters

Calibration Kits

Instrument #	Cal-Kit Part #	Cal-Kit Description	Price
Ammonia	81-F504RK	Cal kit, fixed, 58AL cyl Ammonia 50 ppm in N2, reg with gauge & knob, cal cup for CT7 sensor, screwdriver, case & tubing	615.00
	81-F504RK25	Cal kit, fixed, 58AL cyl Ammonia 25 ppm in N2, reg with gauge & knob, cal cup for CT7 sensor, screwdriver, case & tubing	615.00
	81-F504RK25-LV	Cal kit, fixed, 34AL cyl Ammonia 25 ppm in N2, reg with gauge & knob, cal cup for CT7 sensor, screwdriver, case & tubing	620.00
Chlorine	81-F605	Cal kit, fixed, 58AL cyl 2 ppm Chlorine in N2, reg with gauge & knob, cal cup, screwdriver, case & tubing	675.00
	81-F605-LV	Cal kit, fixed, 34AL cyl 2 ppm Chlorine in N2, reg with gauge & knob, cal cup, screwdriver, case & tubing	560.00
HydrogenCyanide	81-F822RK	Cal kit, fixed, 58AL cyl 10 ppm Hydrogen Cyanide in N2, reg with gauge & knob, cal cup for CT 7 sensor, screwdriver, case & tubing	615.00

Replacement Sensors For Explosion Proof M2A-XL Series

Part#	Description	Suggested Retail
61-0191RK-10	Sensor, Carbon Dioxide (CO2) 0 - 100%, IR, explosion proof direct connection (no transmitter, no j-box), cULus version	775.00
61-0191RK-02	Sensor, Carbon Dioxide (CO2) 0 - 5,000 ppm, IR, explosion proof direct connection (no transmitter, no j-box), cULus version	775.00
61-0191RK-03	Sensor, Carbon Dioxide (CO2) 0 - 5%, IR, explosion proof direct connection (no transmitter, no j-box), cULus version	775.00
61-0191RK-05	Sensor, Carbon Dioxide (CO2) 0 - 50%, IR, explosion proof direct connection (no transmitter, no j-box), cULus version	775.00
ES-1531-CO	Sensor, Carbon Monoxide (CO) 0 - 300 ppm, plug-in type, CT-7 style, cCSAus version	205.00
61-0190RK-HC	Sensor, Hydrocarbon (HC) 0 - 100% LEL, IR, isobutane standard calibration, explosion proof direct connection, 3/4" NPT nipple (no transmitter, no j-box), cULus version	775.00
61-5039RK-HC	Sensor, Hydrocarbon (HC) 0-100% LEL, IR, plug-in style	420.00
ES-1537-H2S	Sensor, Hydrogen Sulfide (H2S) 0 - 100 ppm, plug-in type, CT-7 style, cCSAus version	205.00
61-0140RK-05	Sensor, LEL combustible (catalytic), direct connection (no transmitter, no j-box), cCSAus version	335.00
61-0140RK	Sensor, LEL combustible (catalytic), direct connection (no transmitter, no j-box), UL version	295.00
NC-6205-01	Sensor, LEL Hydrogen (H2) specific, 1/2 NPT, with guard and silicone resistance, UL version, (no transmitter, no j-box)	420.00
NC-6205-05	Sensor, LEL Hydrogen (H2) specific, explosion proof direct connection, with silicone resistance, cCSAus version, (no transmitter, no j-box)	470.00
61-0190RK-CH4	Sensor, Methane (CH4) 0 - 100% LEL, IR, explosion proof direct connection, 3/4" NPT nipple (no transmitter, no j-box), cULus version	775.00
61-0192RK-CH4	Sensor, Methane (CH4) 0 - 100% volume, IR, explosion proof direct connection, 3/4" NPT nipple (no transmitter, no j-box), cULus version	775.00
61-5039RK-CH4	Sensor, Methane (CH4) 0-100% LEL, IR, plug-in style	420.00
65-1025RK	Sensor, Oxygen (O2) 0 - 25%, capillary type, plug-in replacement for O2 assembly (65-2514RK & 65-2497RK)	145.00
61-0140RKA	Sensor, PPM and low LEL combustible (catalytic), direct connection (no transmitter, no j-box)	345.00
61-0140RKA-05	Sensor, PPM and low LEL combustible (catalytic), direct connection (no transmitter, no j-box), cCSAus version	395.00



Fixed Systems Sensors & Transmitters

Replacement Sensors For Non Explosion Proof M2A-XL Series

Part#	Description	Suggested Retail
ES-1531-CO	Sensor, Carbon Monoxide (CO) 0 - 300 ppm, plug-in type, CT-7 style, cCSAus version	205.00
ES-1537-H2S	Sensor, Hydrogen Sulfide (H2S) 0 - 100 ppm, plug-in type, CT-7 style, cCSAus version	205.00
61-5040RK-10	Sensor, IR Carbon Dioxide (CO2) 0-100%, plug-in type, non-explosion proof.....	420.00
61-5040RK-02	Sensor, IR Carbon Dioxide (CO2) 0-5,000 ppm, plug-in type, non-explosion proof	420.00
61-5040RK-03	Sensor, IR Carbon Dioxide (CO2) 0-5%, plug-in type, non-explosion proof.....	420.00
61-5040RK-05	Sensor, IR Carbon Dioxide (CO2) 0-50%, plug-in type, non-explosion proof	420.00
65-1025RK	Sensor, Oxygen (O2) 0 - 25%, capillary type, plug-in replacement for O2 assembly (65-2514RK & 65-2497RK)	145.00
65-2510RK	Sensor, Oxygen (O2) 0 -25%, non explosion proof direct connect, partial pressure type (no transmitter, no j-box)	285.00



Replacement CT-7 Toxic Sensors for M2A-XL Series

Part#	Description	Suggested Retail
65-2053-01	Sensor, Ammonia (NH3) 0-500 ppm, Sensoric CT-7 style with added membrane	470.00
65-2054-01	Sensor, Ammonia (NH3) 0-75 ppm, -100 ppm, -200ppm, Sensoric CT-7 style with added membrane	470.00
65-2051-01	Sensor, Chlorine (Cl2), 0 - 5 ppm / 0 - 10 ppm, CT-7 style with added membrane	470.00
65-2052-01	Sensor, Chlorine Dioxide (ClO2), 0 - 1 ppm / 0 - 3 ppm / 0 - 5 ppm, CT-7 style with added membrane	470.00
65-2060-01	Sensor, Hydrogen Chloride (HCL), 0 - 20 ppm, CT-7 style with added membrane	470.00
65-2049-01	Sensor, Hydrogen Cyanide (HCN), 0 - 15 ppm, CT-7 style, explosion proof and non explosion proof	470.00
65-2015-01	Sensor, Nitric Oxide (NO), 0 - 100 ppm, CT-7 style with added membrane	470.00
65-2058-01	Sensor, Nitrogen Dioxide (NO2), 0 - 15 ppm, CT-7 style with added membrane	470.00
65-2024-01	Sensor, Sulfur Dioxide (SO2), 0 - 10 ppm, CT-7 style with added membrane	470.00



Replacement ESM-01 Toxic Sensors For Non Explosion Proof M2A-XL Series

Part#	Description	Suggested Retail
ESM-01R-D-NH3	Sensor, Ammonia (NH3), 0 - 75 ppm, ESM-01 plug-in type, for diffusion instruments	210.00
ESM-01DH-ASH3	Sensor, Arsine (AsH3), 0 - 1.50 ppm, ESM-01 plug-in type	210.00
ESM-K01-D-CL2	Sensor, Chlorine (Cl2), 0 - 3 ppm, ESM-01 plug-in diffusion type	210.00
ESM-01DH-D-HCN	Sensor, Hydrogen Cyanide (HCN), 0 - 15 ppm, ESM-01 plug-in type	210.00
ESM-01DH-PH3	Sensor, Phosphine (PH3), 0 - 1.0 ppm, ESM-01 plug-in type	210.00
ESM-01DH-D-SO2	Sensor, Sulfur Dioxide (SO2), 0 - 6 ppm, ESM-01 plug-in type	210.00



Fixed Systems Sensors & Transmitters

M2A-XL Replacement Parts & Accessories

Part#	Description	Suggested Retail
47-5048RK	Display ribbon cable, M2A/M2A-XL transmitter	10.60
49-4000RK	AC Power supply assembly for M2A/M2A-XL, input 100 VAC to 240 VAC, output 24 VDC, 0.5 amp, mounted in 18-0400RK. For Class 1 Division 1, B, C, D.	244.00
49-4000RK-SS	AC Power supply assembly for M2A/M2A-XL stainless steel housing, input 100 VAC to 240 VAC, output 24 VDC, 0.5 amp, mounted in 18-0416RK-11	336.00
57-0075RK	Display assembly, LCD for M2 smart transmitter/Beacon 110	97.00
57-0150XL-01	Display assembly, OLED for M2A-XL	95.00
82-0101RK	Magnetic wand, for M2A-XL/T2A/T3A/VOC Pro/Air Alert/AirLink Transmitters	22.00

M2A-XL Replacement Transmitters for Use with OLED Display

Part#	Description	Suggested Retail
57-1287-01	Terminal/relay board, potted, O2, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-01	Terminal/relay board, potted, O2, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-02	Terminal/relay board, potted, CO, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-03	Terminal/relay board, potted, H2S, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-04	Terminal/relay board, potted, ASH3, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-06	Terminal/relay board, potted, NH3, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-08	Terminal/relay board, potted, PH3, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-09	Terminal/relay board, potted, SO2, M2A-XL Transmitter, standard for OLED display	465.00
57-1287-11	Terminal/relay board, potted, HCN, M2A-XL Transmitter, standard for OLED display	465.00
57-1288-01	Terminal/relay board, potted, LEL, M2A-XL Transmitter, specify calibration gas, standard for OLED display	465.00
57-1288-02	Terminal/relay board, potted, LEL,H2 specific, M2A-XL Transmitter, standard for OLED display	465.00
57-1288-05	Terminal/relay board, potted, LEL,IR HC sensor, M2A-XL Transmitter, standard for OLED display	465.00
57-1288-06	Terminal/relay board, potted, IR CO2 sensor, 0 - 5,000 ppm, M2A-XL Transmitter, standard for OLED display	465.00
57-1288-07	Terminal/relay board, potted, IR CO2 sensor, 0 - 5%, M2A-XL Transmitter, standard for OLED display	465.00
57-1288-08	Terminal/relay board, potted, IR CO2 sensor, 0 - 50%, M2A-XL Transmitter, standard for OLED display ...	465.00
57-1288-09	Terminal/relay board, potted, IR CO2 sensor, 0 - 100%, M2A-XL Transmitter, standard for OLED display ...	465.00
57-1288-11	Terminal/relay board, potted, IR CH4 sensor, 0 - 100% volume, M2A-XL Transmitter, standard for OLED display	465.00

Fixed Systems Sensors & Transmitters

MPS™ LEL Variable Combustible Gas Sensor (Molecular Property Spectrometer)

<u>Part#</u>	<u>Description</u>	<u>Suggested Retail</u>
61-0230	LEL, MPStm type sensor, 3/4 inch NPT	735.00
61-1020	LEL, Direct Connect, MPStm type detector with XP J-Box	860.00
65-2380	LEL, S2, MPStm type sensor/transmitter/XP J-Box	1,105.00
65-2650XL	LEL, M2A-XL, MPStm type sensor/transmitter with J-Box	1,750.00
81-FMPS-CH4	Cal kit, fixed, MPStm sensor, CH4 50% LEL in 18% O2 with a balance of N2, 103 liter steel, regulator, screwdriver, case & tubing	400.00

