

General Monitors® S5000 Gas Monitor

Extreme Conditions Demand Exceptional Detection.



Simple retrofits have identical footprint and wiring to S4000 Gas Monitor series.

Bluetooth® wireless technology allows mobile device to act as HMI screen and controller via the X/S Connect App.

Dual sensor capability increases detection coverage without increasing CAPEX expense. Remote mount gas sensors up to 100 m away.

Wide operating temperature for extreme environments (-55°C to +75°C).

Instrument status indicators illuminate power, fault, and alarm conditions.

Intuitive user experience with industry-first touch-button interface or familiar magnetic interface.

 Remote monitoring & notifications with FGFD FieldServer IoT Gateways

 X/S Connect App

Streamline setup for faster configuration with the X/S Connect App.

 GET IT ON Google Play  Download on the App Store

Advanced Sensor Technology

POWERED BY
XCell®
SENSORS

WITH
TruCal®
TECHNOLOGY

- Patented XCell H₂S and CO Sensors with TruCal technology extend calibration cycles for as long as 2 years, actively monitor sensor integrity, and compensate for environmental factors and electrochemical sensor drift.
 - **Diffusion Supervision** sends acoustic signal every 6 hours to check that sensor inlet isn't obstructed so gas can reach the sensor.
 - Worry-free operation—automatically self-checks four times per day.
- Three-year warranty and five-year expected life for XCell Sensors.
- **Dual sensor capability** doubles sensing power with half the footprint of a single gas sensor transmitter.
- **SafeSwap** enables safe and quick XCell Sensor replacement without powering off gas detector.

Applications

- Compressor stations
- LNG/LPG processing and storage
- CNG maintenance facilities
- Oil well logging
- Drilling and production platforms
- Petrochemical
- Fuel loading facilities
- Refineries



SafeSwap®

**SAFEGUARDING PEOPLE,
PLACES & THE PLANET.**

General Monitors S5000 Gas Monitor Sensor Specifications

ELECTROCHEMICAL SENSORS

Gas	Default Range	Selectable Full Scale Range	Resolution	Response Time*		Repeatability	Zero Drift	Operating Temperature		Sensor Type	Sensor Life	Warranty	Classification
				T50	T90			Min	Max				
Ammonia - 100	0 - 100 ppm	25 - 100 ppm	1 ppm	< 20 Sec	< 60 Sec	< +/- 1%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	XCell	5 Years	3 Years	Div/Zone 2
Ammonia - 1000	0 - 1000 ppm	190 - 1000 ppm	10 ppm	< 20 Sec	< 300 Sec	< +/- 15%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 2
Carbon Monoxide - 100	0 - 100 ppm	10 - 1000 ppm	1 ppm	N/A	< 9 Sec	< +/- 2%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Carbon Monoxide - 500	0 - 500 ppm	10 - 1000 ppm	1 ppm	N/A	< 9 Sec	< +/- 2%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Carbon Monoxide - 1000	0 - 1000 ppm	10 - 1000 ppm	1 ppm	N/A	< 9 Sec	< +/- 2%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Carbon Monoxide - H ₂ Resistant	0 - 100 ppm	10 - 100 ppm	1 ppm	N/A	< 9 Sec	< +/- 2%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Chlorine - 5	0 - 5 ppm	1 - 20 ppm	0.1 ppm	N/A	< 12 Sec	+/- 1%	<1% FS / Month	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 2
Chlorine - 10	0 - 10 ppm	1 - 20 ppm	0.1 ppm	N/A	< 12 Sec	+/- 1%	<1% FS / Month	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 2
Chlorine - 20	0 - 20 ppm	1 - 20 ppm	0.1 ppm	N/A	< 12 Sec	+/- 1%	<1% FS / Month	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 2
Chlorine Dioxide	0-3 ppm	0.5 - 3.0 ppm	0.01 ppm	< 12 Sec	< 30 Sec	< +/- 15%	<1% FS / Month	-40°C (-40°F)	50°C (122°F)	XCell	5 Years	3 Years	Div/Zone 2
Hydrogen	0 - 1000 ppm	250 - 1000 ppm	10 ppm	< 40 Sec	< 185 Sec	< +/- 10%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 1
Hydrogen Sulfide - 10	0 - 10 ppm	10 - 100 ppm	0.1 ppm	< 7 Sec	< 23 Sec	< +/- 1%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Hydrogen Sulfide - 50	0 - 50 ppm	10 - 100 ppm	0.1 ppm	< 7 Sec	< 23 Sec	< +/- 1%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Hydrogen Sulfide - 100	0 - 100 ppm	10 - 100 ppm	0.1 ppm	< 7 Sec	< 23 Sec	< +/- 1%	<1% FS / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Hydrogen Sulfide - 500	0 - 500 ppm	20 - 500 ppm	1 ppm	< 20 Sec	< 60 Sec	< +/- 10%	<1% FS / Month	-40°C (-40°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 1
Nitric Oxide	0 - 100 ppm	2.5 - 100 ppm	0.5 ppm	< 5 Sec	< 20 Sec	< +/- 15%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 1
Nitrogen Dioxide	0 - 10 ppm	1.5 - 10 ppm	0.1 ppm	< 30 Sec	< 60 Sec	< +/- 10%	<1% FS / Month	-40°C (-40°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 2
Oxygen/Oxygen (FM)	0 - 25%	5 - 25%	0.10%	< 6 Sec	< 11 Sec	< +/- 1% Vol	<0.2 % Vol / Year	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 1
Oxygen (Low)	0 - 25%	2 - 25%	0.10%	< 10 Sec	< 30 Sec	< +/- 10%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 1
Sulfur Dioxide - 100	0 - 100 ppm	25 - 100 ppm	1 ppm	< 10 Sec	< 30 Sec	< +/- 15%	<1% FS / Month	-30°C (-22°F)	50°C (122°F)	Echem	2 Years	1 Year	Div/Zone 2
Sulfur Dioxide - 25	0 - 25 ppm	5 - 25 ppm	0.1 ppm	< 3 Sec	< 6 Sec	< +/- 1%	<1% FS / Month	-40°C (-40°F)	60°C (140°F)	XCell	5 Years	3 Years	Div/Zone 2

XCELL CATALYTIC BEAD SENSORS

Gas	Default Range	Selectable Full Scale Range	Resolution	Response Time*		Repeatability	Zero Drift	Operating Temperature		Sensor Type	Sensor Life	Warranty	Classification
				T50	T90			Min	Max				
Methane (5.0 %)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Propane (2.1 %)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Heptane (1.05 %)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Nonane (0.8 %)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Hydrogen (4.0 %)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Methane (4.4 % EN)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Propane (1.7 % EN)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Heptane (0.85 % EN)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1
Nonane (0.7 % EN)	0 - 100% LEL	20 - 100% LEL	1%	< 10 Sec	< 22 Sec	< +/- 1% LEL	<5% LEL / Year	-50°C (-58°F)	60°C (140°F)	XCell Cat Bead	5 Years	3 Years	Div/Zone 1

*At ambient conditions

General Monitors S5000 Gas Monitor Sensor Specifications



INFRARED SENSORS

Gas	Default Range	Selectable Full Scale Range	Resolution	Response Time*		Repeatability	Zero Drift/Yr	Operating Temperature		Sensor Type	Sensor Life	Warranty	Classification
				T50	T90			Min	Max				
IR400 0-100 % LEL Propane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Hexane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Pentane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100 % LEL Ethylene	0 - 100% LEL	N/A	1% LEL	< 2 Sec	< 4 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	60°C (140°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Butane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Ethane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% by Volume Methane	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100 % LEL Methane EN	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-60°C (-76°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100 % LEL Propane EN	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-60°C (-76°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Hexane EN	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-60°C (-76°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100 % LEL Ethylene EN	0 - 100% LEL	N/A	1% LEL	< 2 Sec	< 4 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-40°C (-40°F)	60°C (140°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Butane EN	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-60°C (-76°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
IR400 0-100% LEL Ethane EN	0 - 100% LEL	N/A	1% LEL	< 1.5 Sec	< 3 Sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	N/A	-60°C (-76°F)	75°C (167°F)	IR400	5+ Years	2 Years	Div/Zone 1
XIR+ 0-100% LEL Methane (5%)	0 - 100% LEL	20 - 100% LEL	1%	—	< 6 Sec	±1% LEL	<2% LEL	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1
XIR+ 0-100% LEL Propane (2.1%)	0 - 100% LEL	20 - 100% LEL	1%	—	< 6 Sec	±1% LEL	<2% LEL	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1
XIR+ 0-100% LEL Methane (4.4%) EN	0 - 100% LEL	20 - 100% LEL	1%	—	< 6 Sec	±1% LEL	<2% LEL	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1
XIR+ 0-100% LEL Propane (1.7%) EN	0 - 100% LEL	20 - 100% LEL	1%	—	< 6 Sec	±1% LEL	<2% LEL	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1
XIR+ Carbon Dioxide (2%)	0 - 2% Vol	0.4 - 2%	0.05%	—	< 6 Sec	±1%	±2% FS	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1
XIR+ Carbon Dioxide (5%)	0 - 5% Vol	1 - 5%	0.05%	—	< 6 Sec	±1%	±2% FS	-40°C (-40°F)	60°C (140°F)	XIR+	10+ Years	10 Years	Div/Zone 1

*Typical response at standard temperature and pressure test conditions

PASSIVE SENSORS

Gas	Default Range	Selectable Full Scale Range	Resolution	Response Time*		Repeatability	Zero Drift	Operating Temperature		Sensor Type	Sensor Life	Warranty	Classification
				T50	T90			Min	Max				
10058-1	0 - 100% LEL	N/A	1% LEL	< 10 sec	< 30 sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	<5% FS / Year	-40°C (-40°F)	75°C (167°F)	Cat Bead Screened	3-5 Years	2 Years	Div/Zone 1
11159-8	0-20% LEL	N/A	1% LEL	< 10 sec	< 30 sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	<5% FS / Year	-40°C (-40°F)	70°C (158°F)	Cat Bead Sintered	3-5 Years	2 Years	Div/Zone 1
11159-1	0 - 100% LEL	N/A	1% LEL	< 10 sec	< 30 sec	+3% LEL @ <50% LEL; +5% LEL @ >50% LEL	<5% FS / Year	-40°C (-40°F)	70°C (158°F)	Cat Bead Sintered	3-5 Years	2 Years	Div/Zone 1
50448-9	0-20 ppm	N/A	1 ppm	< 14 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	75°C (167°F)	H ₂ S MOS Screened	3-5 Years	2 Years	Div/Zone 1
50448-5	0-50 ppm	N/A	1 ppm	< 14 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	75°C (167°F)	H ₂ S MOS Screened	3-5 Years	2 Years	Div/Zone 1
50448-1	0-100 ppm	N/A	1 ppm	< 14 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	75°C (167°F)	H ₂ S MOS Screened	3-5 Years	2 Years	Div/Zone 1
51457-9	0-20 ppm	N/A	1 ppm	< 30 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	70°C (158°F)	H ₂ S MOS Sintered	3-5 Years	2 Years	Div/Zone 1
51457-5	0-50 ppm	N/A	1 ppm	< 30 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	70°C (158°F)	H ₂ S MOS Sintered	3-5 Years	2 Years	Div/Zone 1
51457-1	0-100 ppm	N/A	1 ppm	< 30 sec	n/a	+ 2 ppm or 10% of applied gas	N/A	-40°C (-40°F)	70°C (158°F)	H ₂ S MOS Sintered	3-5 Years	2 Years	Div/Zone 1

*At ambient conditions

General Monitors® S5000 Gas Monitor

Specifications



PRODUCT SPECIFICATIONS		
Combustible Gas Sensor Type	Catalytic Bead (passive comb., XCell comb.) Infrared (ULTIMA XIR Plus, IR400)	
Toxic Gas & Oxygen Sensor Type	XCell Toxic	Ammonia (NH ₃), Carbon Monoxide (CO), Carbon Monoxide (CO) H ₂ -resist., Chlorine (Cl ₂), Chlorine Dioxide (ClO ₂), Sulfur Dioxide (SO ₂)
	XCell Toxic, Echem Passive MOS	Hydrogen Sulfide (H ₂ S)
	XCell O ₂	Oxygen (O ₂)
	Echem	Ammonia (NH ₃), Hydrogen (H ₂) Nitrogen Oxide (NO), Nitrogen Dioxide (NO ₂), Sulfur Dioxide (SO ₂)
Sensor Measuring Ranges	Combustible	0-100% LEL (CB, IR)
	Cl ₂	0-5, 0-10, 0-20 ppm
	ClO ₂	0-3 ppm
	CO	0-100, 0-500, 0-1000 ppm
	CO, H ₂ -resistant	0-100 ppm
	CO ₂	0-2%, 0-5% Vol (XIR Plus only)
	H ₂	0-1000 ppm
	H ₂ S	0-10, 0-20, 0-50, 0-100, 0-500 ppm
	NH ₃	0-100 ppm, 0-1000 ppm
	NO	0-100 ppm
	NO ₂	0-10 ppm
	O ₂	0-25%
SO ₂	0-25, 0-100 ppm	
Classifications Divisions (U.S./CAN)	See manual for complete CSA listings. Class I, Div 1&2, Groups A, B, C & D T5/T4; Class II, Div 1&2, Groups E, F & G, T6; Class III Type 4X, IP66	
U.S. Zones	Class I, Zone 1 AEx db IIC T5 Gb Class I, Zone 2 AEx nA nC IIC T4 Gc Zone 21 AEx tb IIIC T85°C Db	
Canadian Zones/ATEX/IECEX	Ex db IIC T5 Gb Ex nA nC IIC T4 Gc Ex tb IIIC T85°C Db	
Warranty	S5000 transmitter	2 years
	XCell Sensors	3 years
	Passive comb., MOS, IR400	2 years
	Echem sensors	Varies by gas
	XIR Plus	10 years source, 5 years electronics
Approvals	CSA, FM*, ATEX, IECEX, INMETRO, ABS, DNV-GL Marine, CE Marking, Suitable for SIL 2	
DIMENSIONS		
Housing (W x H x D)	6.37" x 5.38" x 4.25" (162 x 137 mm x 108 mm)	
	w/passive sensor	6.37" x 7.62" x 4.25 (162 x 193 mm x 108 mm)
	w/digital sensor	6.37" x 10.4" x 4.25" (162 x 265 mm x 108 mm)
Weight	8.0 lb. (3.6 kg), 316 SS	

ENVIRONMENTAL SPECIFICATIONS		
Operating Temperature Range**	Transmitter	-55°C to +75°C
	CB (sintered, Zones)	-40°C to +70°C
	CB (screened, Div)	-40°C to +75°C
	MOS (sintered, Zones)	-40°C to +70°C
	MOS (screened, Div)	-40°C to +75°C
	IR400 (CSA)	-40°C to +75°C
	IR400 (ATEX/IECEX)	-60°C to +75°C
	XCell (Comb)	-55°C to +60°C
	XCell (Toxic/O ₂), XIR Plus	-40°C to +60°C
Storage Temperature Range	Housing, IR400, passive sensors	-50°C to +85°C
	XCell sensors, XIR Plus	-40°C to +60°C
Relative Humidity (Non-Condensing)	XCell Sensors (except O ₂), XIR Plus	5-95%
	XCell O ₂ , IR400	10-95%
	Echem	15-90%
	Passive combustible, Passive H ₂ S	5-90%
MECHANICAL SPECIFICATIONS		
Input Power	24 VDC nominal, 12 to 30 VDC	
Signal Output	Dual 4-20 mA current source or sink, HART, Modbus, Bluetooth. <i>Optional: w/o Bluetooth</i>	
Relay Ratings	5 A @ 30 VDC; 5 A @ 250 VAC (3X) SPDT - fault, warn, alarm	
Relay Modes	Common, discrete, horn	
Normal Max Power		Without Relays With Relays
	Passive comb.	5.0 W 6.0 W
	Passive MOS	9.8 W 10.8 W
	XIR Plus	5.7 W 6.7 W
	IR400	7.9 W 8.9 W
	XCell comb.	5.0 W 6.0 W
	XCell toxic & O ₂	2.6 W 3.6 W
	IR400 + XCell comb.	10.8 W 11.8 W
	IR400 + XCell toxic or O ₂	8.6 W 9.6 W
	Dual XCell toxic or O ₂	3.3 W 4.3 W
	Dual XCell comb.	7.4 W 8.4 W
	XCell comb. + XCell toxic or O ₂	5.7 W 6.7 W
Status Indicators	4-digit scrolling LED, icons depicting fault, warn, alarm, Bluetooth, 1 and 2 to indicate sensor reading displayed	
RS-485 Output	Modbus RTU, suitable for linking up to 128 units or up to 247 units with repeaters	
Baud Rate	2400, 4800, 9600, 19200, 38400, 115200	
HART	HART 7, HART device description language available	
Faults Monitored	Low supply voltage, RAM checksum error, flash checksum error, EEPROM error, internal circuit error, relay, invalid sensor configuration, sensor faults, calibration faults, analog output mismatch fault	
Cable Requirements	3-wire shielded cable for single sensor and 4-wire shielded cable for dual sensor configurations. Accommodates up to 12 AWG or 4 mm ² . <i>Refer to manual for mounting distances.</i>	

* See manual for FM approved sensors. ** See data sheet for complete list.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>