

SenSmart 3000 Series

"The Art of Gas Detection" - Built with our Proven ST-48 Transmitter







Non-metallic Poly "PY" Div 2 model

The **SenSmart 3000** 3-wire gas detector is built with our reliable 'ST-48' smart transmitter, which provides the cutting-edge technology in toxic and combustible gas detection. It's a universal, easy to use detector that supports dual smart sensor with different types, including electrochemical, Catalytic Bead, Infrared and Photoionization sensors.



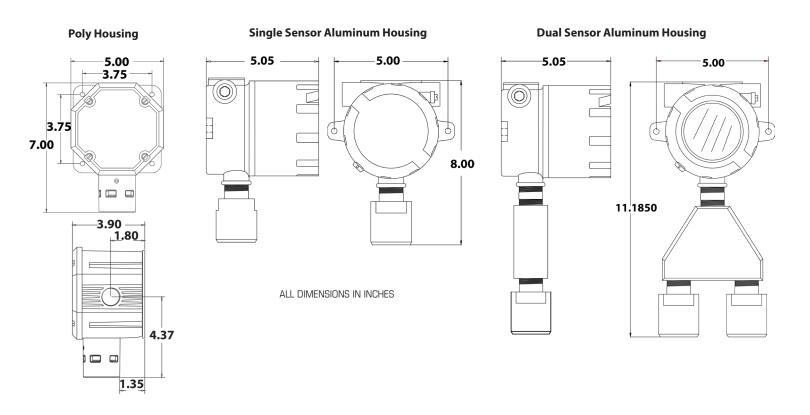
Aluminum "AL" XP model wtih Dual Sensor

FEATURES HIGHLIGHT

- CSA Certified for Class I, Div 1 Locations
- Graphic LCD display shows values, units, trend graph, alarm levels
- Backlit display for better visibility in low light conditions
- LED indication of alarm status
- Dual smart sensor capable
- Supports both local and remote sensors for easy installation
- Non-intrusive, prompted calibration with programmable cal-gas
- Power-up and post-calibration delays eliminate false alarms
- Options for 3x 5A alarm contacts, isolated 4-20mA and MODBUS®

- Auto-recognition of Smart Sensors uploads calibration data and more
- Real-time clock and calendar logs alarms, calibration and power-up events
- Security mode allows locking of critical parameters
- Fault supervision circuitry detects failed sensor and transmits warning
- Setup in hazardous area requires only simple magnetic wand
- Optional HART board available

Power Supply	Power Input 10-30VDC at < 6.5 watts with relay board (all relay energized)
Display	Backlit 64 x 128 pixel LCD with 30-minute trend, bar graph and engineering units display
Channel One Input	Electrochemical toxic and oxygen sensors / 4-20ma current input
Channel Two Input	Catalytic Bead, Infrared and Photoionization sensor / 4-20mA current input
Standard Output	Dual 3-wire 4-20mA current source. Max loop R is 750 ohms with nominal 24VDC power supply
Optional Outputs	Dual isolated 4-20mA current source. Max loop Resistance is 650 ohms with nominal 24VDC; (form C , rated 5 amp at 30 VDC or 240 ~VAC RESISTIVE) MODBUS slave ports; 3x programmable alarm relays with 5A capability
Temp	Electronics -40°C to +60°C
Housing	Aluminum with epoxy paint standard; Optional #316 stainless steel, Optional UI94 Poly Black Plastic Enclosure
Dimensions	[Aluminum] Width 5.4" (137 mm), Height 8" (203 mm), Depth 5" (127 mm) Shipping weight 6.5 pounds (3 kg) [Poly] Width 5" (127 mm), Height 7" (178 mm), Depth 4" (101 mm) Shipping weight 3 pounds [2 kg]
	Cast Aluminum Enclosure: Explosion-Proof Cl 1 Div 1 Gr ABCD with 10-0247 (includes sinter) Non-Incendive Cl 1 Div 2 Gr ABCD with 10-0247 or 10-0247IS UL94 Poly Black Plastic Enclosure:
CSA Approvals	Non-Incendive CI 1 Div 2 Gr ABCD
Warranty	5 year limited warranty For sensor warranty see sensor specifications sheet.





Distributed By:

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