

## SenSmart 3000 Series

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





Aluminum "AL" XP model

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.



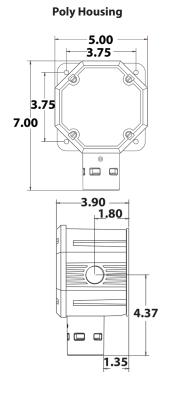
Aluminum "AL" XP model wtih Dual Sensor

## FEATURES HIGHLIGHT

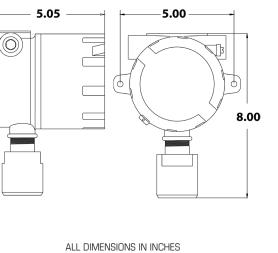
- CSA Certified for Class I, Div 1 Locations
- Graphic LCD display shows values, units, trend graph, alarm levels
- Backlit display for better visibility in low light conditions
- LED indication of alarm status
- Dual smart sensor capable
- Supports both local and remote sensors for easy installation
- 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

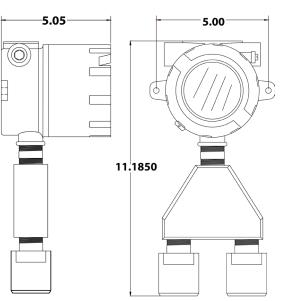
Power Supply	Power Input 10-30VDC at < 6.5 watts with relay board (all relay energized)
Display	Backlit 64 x 128 pixel LCD with 30-minute trend, bar graph and engineering units display
Channel One Input	Electrochemical toxic and oxygen sensors / 4-20ma current input
Channel Two Input	Catalytic Bead, Infrared and Photoionization sensor $ earrow4$ -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 Cl 1 Div 2 Gr ABCD
Warranty	5 year limited warranty For sensor warranty see sensor specifications sheet.



Single Sensor Aluminum Housing



**Dual Sensor Aluminum Housing** 





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