RC SYSTEMS
"The Art of Gas Detection"

SenSmart 1200 Series

Shown with Aluminum Enclosure

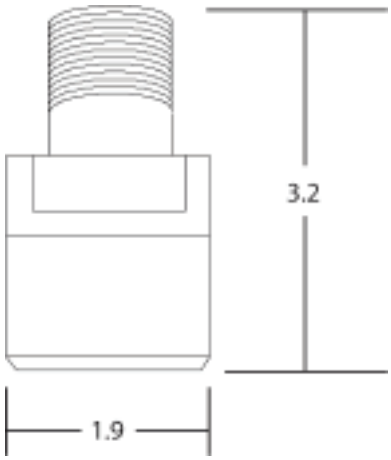
The RC Systems **SenSmart 1200** is a 3 wire Gas Detector available in a 316 stainless steel sensor head enclosure and Suitable for Class 1 Division 1 Groups A, B, C, D. These easy-to-install and maintain gas detectors must be connected to an R. C. Systems single or multi-channel receiver to add user calibration and readout functions.

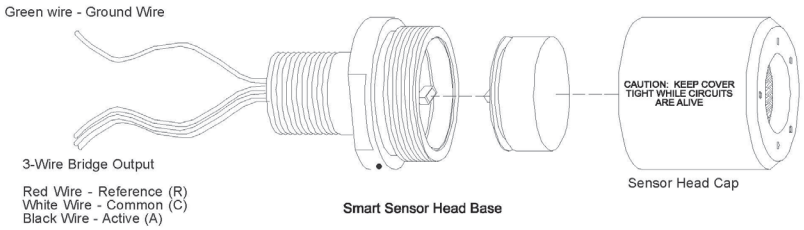
The **SenSmart 1200** utilizes our "bridge" sensors, including catalytic, acetylene, ammonia, butane, ethane, ethanol, hexane, hydrogen, Isopropyl alcohol, methane, pentane, propane, propene, propylene and many other compounds. The **1200**'s bridge output is compatible with R C Systems single and multi-channel receivers.

FEATURES HIGHLIGHT

- Field swappable sensor module
- Improves system noise immunity because low level sensor signals are protected within the sensor head
- 316 SS sensor head model is Suitable for Class 1 Division 1 hazardous areas
- Missing or failed sensor forces FAULT signal
- Compatible with 1, 2, 4, 16 and 64 channel Receiver/Controllers (user calibration & readout are at the Receiver)

Power Supply	2VDC @ 300mA
Accuracy	+/- 1% of full scale range (typical)
Standard Output	3 wire bridge output
Temp	Less than .1% per degree C over ambient temperature range
Housing	316 Stainless or aluminum enclosure suitable for Class 1 Groups A,B,C,D; Class 2, Groups E,F,G
Approval	Suitable for Class 1 Division 1 and Group A,B,C,D Exia.





ALL DIMENSIONS IN INCHES

Voltage Drop Chart for Quick Connect Cable Sets	
Cable length	**Sensor Volts at Controller**
3 Meter	2.05 Volts
8 Meter	2.12 Volts
30 Meter	2.42
50 Meter	2.62

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