

Magnum & Magnum II Hydrogen Sulfide Gas Detectors 0-100ppm

INTELLIGENT DETECTOR

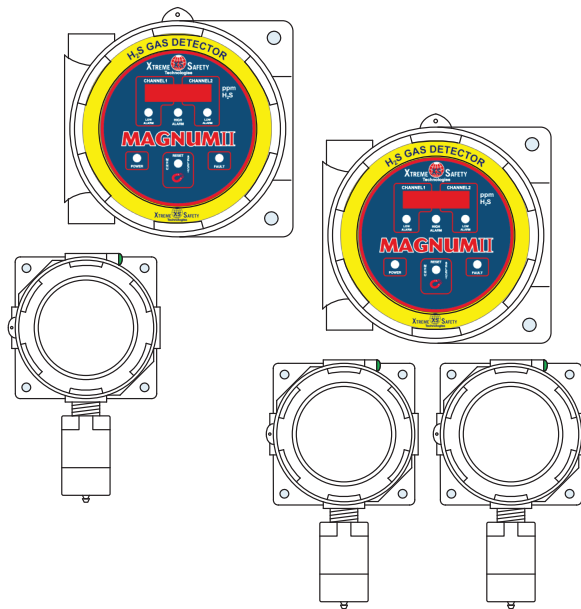
System status, configuration and set up is indicated by scrolling full text across the display. (No fault look up tables)

BRIGHT DISPLAY

High Intensity bright LEDs indicate alarm and detector status conditions. The Display is visible in both lighted and non-lighted conditions.

NON-INTRUSIVE

Calibrations and Configurations are performed without the need to remove the cover by using Magnetic activation.



- Single or Dual Channel Versions
- Low Power operation standard
- 12Vdc or 24Vdc Supply Voltage
- Electrochemical Sensing Element

The MAGNUM-H2S and MAGNUM II-H2S are intelligent industrial gas detectors designed for safe continuous monitoring of toxic gases and vapors in a range of 0-100ppm H2S. Both the MAGNUM-H2S (single channel) and MAGNUM II-H2S (dual channel) monitors feature the latest advanced microprocessor technology and sensing elements, designed to function in the most extreme hazardous environments.

The Controller/Display features a highly visible bright red alpha numeric "8" character LED display and oversized bright LED's that indicate alarm and status. Detector health and configuration are communicated clearly with full scrolling text messages. Resetting alarms and system configuration is achieved by a magnetically activated Reed Switch or Push Button located on the display. The Magnum series gas detectors provide the brightest and most visible displays in the industry.

Electrochemical Sensors
Ensure accurate and repeatable response to hydrogen sulfide gases in the most extreme of environments.

Low Power Consumption
Suitable for 12Vdc or 24Vdc solar powered applications.

Wide Temperature Range
Designed for harsh environments, in both Indoor or Outdoor applications.

For more information on any of these products please visit us on the Web at: www.xtremesafety.com



Specifications

Display:	Bright Red Scrolling LED 8 character Alpha Numeric
Sensor Type:	Electrochemical (Triple Electrode, Methanol Resistive)
Sensor Life:	Typically 3 to 5 years
Storage Life:	12 months when stored in original packaging
Cycle for Calibration:	90 days recommended
Supply Voltage:	9VDC to 28VDC
Power Consumption:	<u>Magnum</u> Nom - 0.4W to 0.5W @12Vdc* Nom - 0.7W to 0.8W @24Vdc* Max - 0.6W to 1.2W @12Vdc* Max - 1.1W to 1.6W @24Vdc* <u>Magnum II</u> Nom - 0.5W to 0.6W @12Vdc* Nom - 0.9W to 1.0W @24Vdc* Max - 0.9W to 1.7W @12Vdc* Max - 1.7W to 2.4W @24Vdc*
Response time:	T90<30seconds to 100ppm H2S T50<10 seconds to 100ppm H2S
Accuracy:	±3ppm
Zero Drift:	< 2ppm per month
Repeatability:	±1ppm H2S
Measuring Range:	0-100ppm H2S
Sensor Separation:	Max - 2238m(7338feet) @ 24Vdc* (16AWG) Max - 932m(3058feet) @ 12Vdc*

*Refer to Magnum-H2S / Magnum II-H2S Installation and Operations Manual for specific configurations

Standard Outputs:	4-20mA
Optional Relays:	High, Low, and Fault, Mechanical or Solid State (for low powered applications)
Optional Digital:	Modbus RS485 RTU Protocol
Temperature:	<u>Electronics</u> Certified: -55C to +85C (-67F to+185F) Storage: -55C to +85C (-67F to +185F) <u>Sensor</u> Certified: -55C to +40C (-67F to+104F) Storage: -55C to +40C (-67Fto +104F)
Humidity:	0 to 100% relative humidity, non-condensing
Enclosure Type:	Nema 4X, IP56
Pressure Limits:	Up to 304 kPa (3 atmospheres)
Certification:	CSA Certified (Canada and US): Class I, Division 1, Groups B,C,D T5 Class I, Division 2, Groups A,B,C,D T4 Ex d IIB + H2 T5 / AEx d IIB + H2 T5 Ex nC IIC T4 / AEx nC IIC T4 Seals are not required for Div 2 / Zone 2 installations
Warranty:	Electronics - 3 years, Sensor - 2 years
Specifications subject to change without notice.	

Distributed By:



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