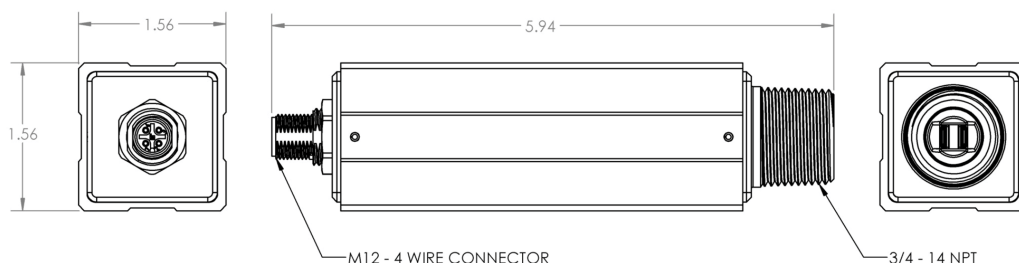


10 Year Auto-Calibrating Hydrogen Sensor

Solid State Sensor with MODBUS Communications

This next generation area monitor is a reliable, consistent hydrogen gas detector designed for stationary battery applications. This auto-calibrating HYD-H2-2.0 uses a solid-state non-consumable sensor for direct hydrogen measurement in air or inert gases, with no cross sensitivity to other combustibles.



Part Number: HYD-H2-2.0

Features

- Designed for battery room applications
- Solid State Technology
- Auto-calibrating
- No cross sensitivity to other gases
- Not vulnerable to poisoning
- Wide hydrogen-specific detection range
- Does not degrade over time
- Field configurable settings
- Will not saturate with exposure to hydrogen

Advantages

- No every 6-month calibration costs
- No replacement sensor board costs
- 10+ year service life
- 10 year full warranty

Specifications

- Measuring Range: 0.4 to 5% (10 to 125% LEL)
- T90 Response Time: 2% is less than 5 minutes
- Accuracy: +/- (0.03 x indication + 0.2%) H2
- Calibration Interval: None (auto-calibrating)
- Operating Temperature: -40 to + 60°C
- Storage Temperature: -40 to + 85°C
- Operating Humidity: <95% RH (non-condensing)
- Usage: Indoor/Outdoor
- Ingress Protection: IP68
- Digital Output: RS485, 2-wire; 19200 baud, 8 bit data, 2 stop bits, no parity; Modbus RTU Protocol
- Analog Output: 4-20 mA available via optional HYAO-1 accessory
- Input Voltage: 9 - 48 VDC
- Input Power: 10W
- Electrical Connection: M12, 4-pin connector
- Dimensions: 5.9in (L) x 1.6in (W) x 1.6in (D) (161mm x 40mm x 40mm)
- Safety Certifications: CE / UK CA

Ancillary Products



Hydrogen Sensor Display



Light & Horn Display Package

Protecting Mission-Critical Facilities Since 1993SM

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