

HY-ALERTA 2620 Explosion Proof Area Hydrogen Monitor

Description

H2scan's 2620 Explosion Proof Area Hydrogen Monitor provides hydrogen-specific leak detection and measurement for hydrogen concentrations as low as 4000 ppm and can be scaled to any concentration up to 5% hydrogen by volume, a range representing 10% to 125% of hydrogen's low flammability limit. The monitor is designed for either ceiling or wall mount. **H2scan's** hydrogen-specific sensor technology has no cross sensitivity to other combustible gases, thus eliminating false positive alarms and ensuring safety system reliability.

Performance

Hydrogen Sensitivity Range:
 0.4% to 5% hydrogen by volume
 10% to 125% hydrogen lower flammable limit
 Response Time: T90 < 60 sec
 Ingress Protection: IP64 capable
 Calibration Interval: 90 days
 Product Life Expectancy: 10 years
Accuracy: ± (3% of reading + 0.2) percent
 hydrogen by volume

Interface Options

Input Voltage Range: 90 VAC to 240 VAC
 Input Power: 15W
 Analog Outputs:
 Output Currents
 • 4 mA to 20 mA
 • 0 mA to 20 mA
 • User-specific mA range

Serial Communication Options: RS232 or RS422
Relay Contacts: Two programmable relays and one fault relay with both normally open (N.O.) and normally closed (N.C.) contacts:
 • 5A/240VAC
 • 5A/ 30 VDC

Dimensions

Width: 13.8 cm (5.4 in)
 Length: 19.2 cm (7.5 in)
 Depth: 13.0 cm (5.7 in)

Operating Conditions





Operating Temperature Range: -20°C to 55°C
 Storage Temperature Range: -30°C to 80°C
 Operating Humidity: 0% to 95% RH (non-condensing)
 Calibration Background Gas: Air

Adapter Fittings

¼" Tube for Calibration Gas Connection



For Latest Revision go to: www.h2scan.com

Certifications	  0359
2620	UL 508, 1203 USC – Class I, Division 1, Groups B, C, and D Hazardous (Classified)  II 2 G Ex d IIB + H2 T4 Gb
Remote	UL 913 CAN/CSA C22.2 No. 157-92  Ex ia IIC T4 Ga