



Product Category



Product Category



Product Here

Product Here

Product Here

Product Category



Product Category



PRODUCT CATEGORY

NEW! HY-ALERTA® Intrinsically Safe Hydrogen Area Monitor

Rapid Response Hydrogen Leak Detection Improves Safety

- ✔ Intrinsically safe design
- ✔ Proprietary, proven technology (OR Accurate, reliable hydrogen detection)
- ✔ Versatile mounting options (wall, ceiling, surface)

DOWNLOAD DATASHEET

REQUEST A QUOTE



KEY ADVANTAGES

The HY-ALERTA® 5320 Hydrogen Area Monitor brings proprietary technology for enhanced safety in environments where hydrogen leaks can prove hazardous. A compact form factor and multiple mounting options make the HY-ALERTA 5320 easy to install on any surface, wall or ceiling for rapid, accurate hydrogen detection in any facility producing, storing or utilizing hydrogen. Hydrogen-based process lines, gas blending operations, energy storage, fuel cell/electrolyzer facilities, data centers and battery rooms can realize real-time, continuous hydrogen monitoring with an intrinsically safe product with a 10-year sensor warranty.

- ✔ No false alarms from cross-sensitivity to other gases
- ✔ Low total cost of ownership
 - Zero manual calibration requirements
 - Zero maintenance
 - Zero consumables like calibration gases
 - Zero sensor replacements with up to 10-year operational lifespan
- ✔ 100% continuous monitoring
- ✔ Daisy-chaining capability
- ✔ Multiple interface standards and alarm outputs
- ✔ Ideal for leak detection in areas with space constraints

SPECIFICATIONS

Model	5020	5021
Measuring Range	0.4 - 5% (10 - 125% LEL)	
T90		5 Minutes
Time to Report 2% (>3% Applied)	<60 Seconds	>5 Minutes
Accuracy	±0.3% H2	±0.3% H2
Accuracy	±(0.03 x indication + 0.2)% H2	±(0.03 x indication + 0.2)% H2
Calibration Interval	None	None
Operating Temperature	-40 to +60°C	-40 to +60°C
Storage Temperature	-40 to +85°C	-40 to +85°C
Operating Humidity	<95% RH (non-condensing)	<95% RH (non-condensing)
Usage	Indoor / Outdoor	Indoor / Outdoor
Ingress Protection	IP68	IP68
Digital Output	RS485, 2-wire; 19200 baud, 8 bit data, 2 stop bits, no parity; Modbus RTU Protocol	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	4-20 mA available via optional HYAO-1 accessory
Input Voltage	9 - 48 VDC	9 - 48 VDC
Input Power	10 W	10 W
Electrical Connection	M12, 4-pin connector	M12, 4-pin connector
Dimensions	5.9in (L) x 1.6in (W) x 1.6in (D) (161mm x 40mm x 40mm)	5.9in (L) x 1.6in (W) x 1.6in (D) (161mm x 40mm x 40mm)
Safety Certifications	C/US, CE 0359	C/US, CE 0359

DOWNLOAD DATASHEET

DOWNLOADS

- Document Name
- Document Name
- Document Name

RELATED RESOURCES

- Title of Related Resource Here and here and Here
- Title of Related Resource Here and Here
- Title of Related Resource

VIEW ALL

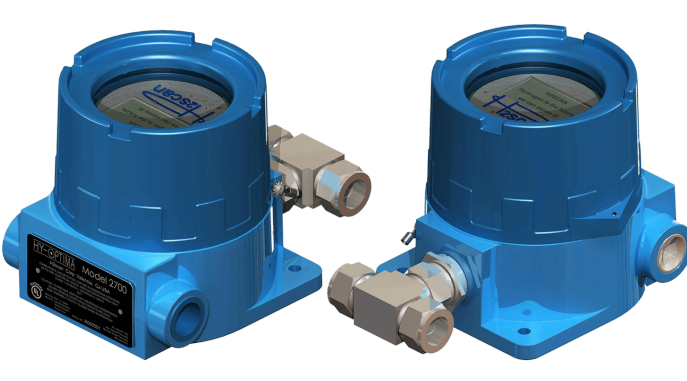
ALSO CONSIDER



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

VIEW DETAILS >



NEW! Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

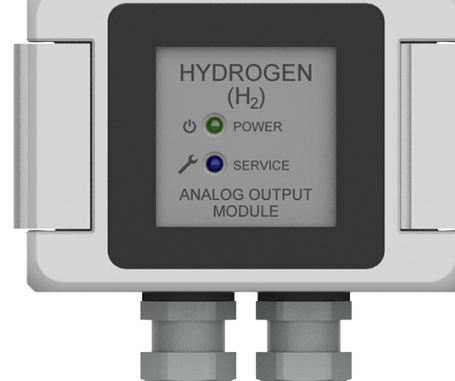
VIEW DETAILS >



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

VIEW DETAILS >



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

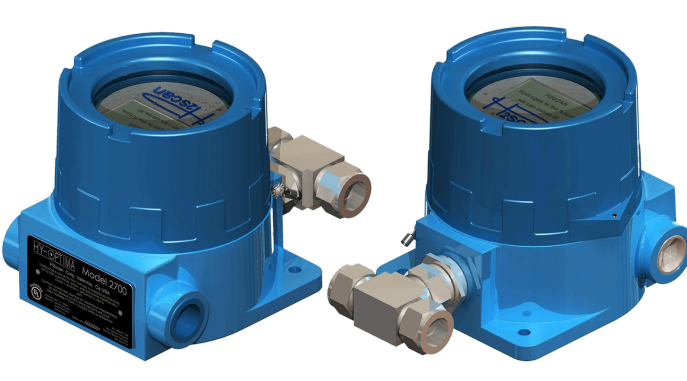
VIEW DETAILS >



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

VIEW DETAILS >



NEW! Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

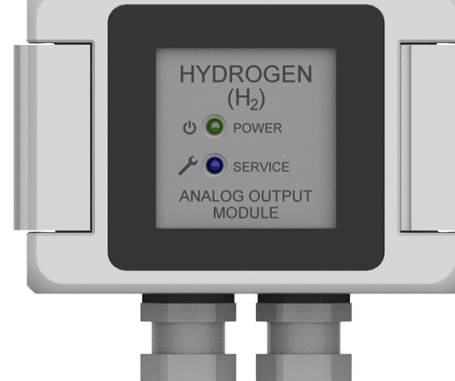
VIEW DETAILS >



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

VIEW DETAILS >



Product Name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque consequat nunc laoreet lobortis placerat. Aenean porttitor ornare diam, in commodo erat rutrum eu.

VIEW DETAILS >

GET STARTED WITH A QUOTE

Select Industry

NEXT