

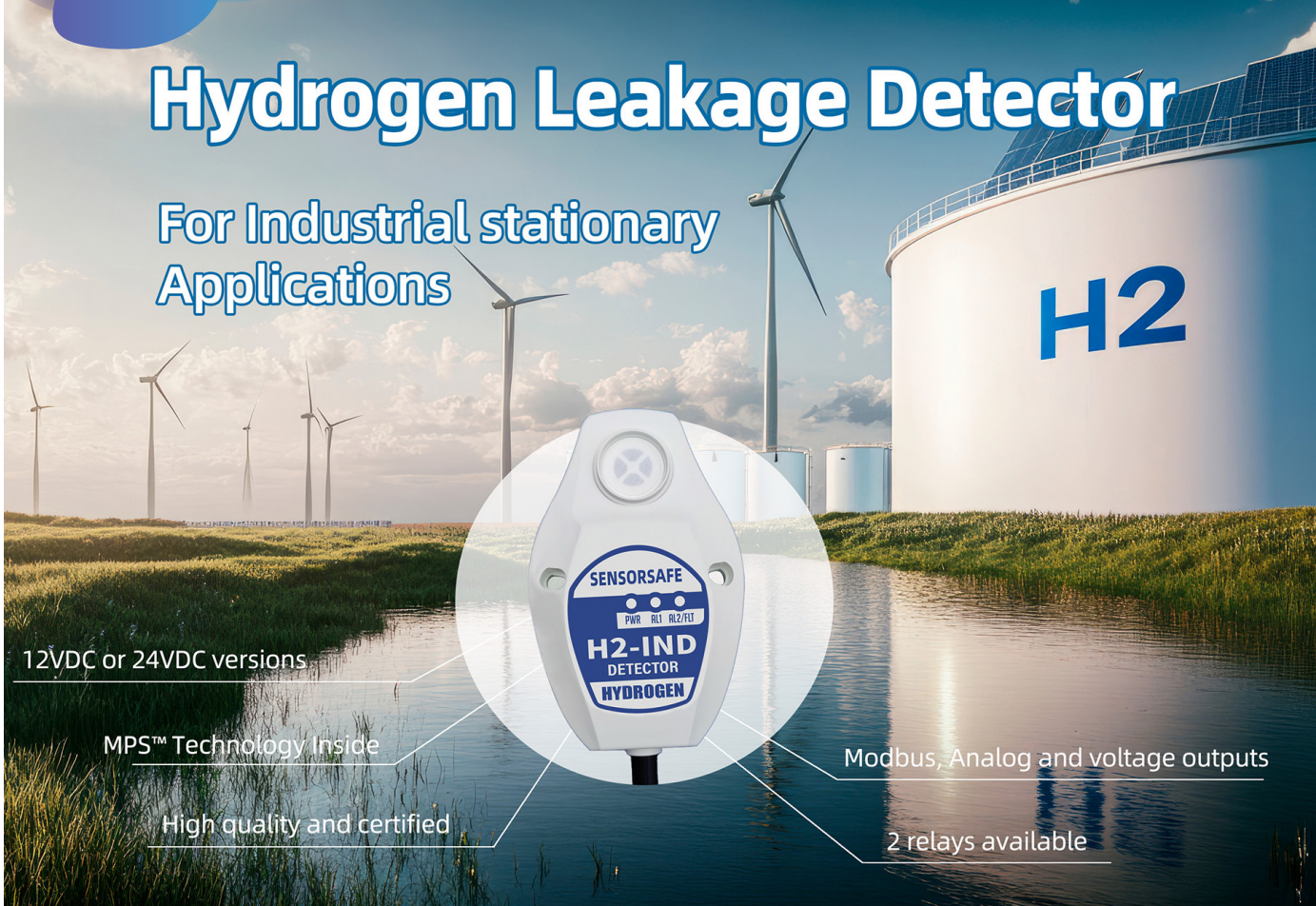


H2-IND

Industrial Hydrogen Detector

Hydrogen Leakage Detector

For Industrial stationary Applications



PRODUCT INTRODUCTION

The H2-IND is a cost effective, long life flammables gas detector, based on MPS technology, that reduces maintenance needs and allows the customer to have highly reliable product with the latest technology.

This hydrogen version has built-in the “gas selectivity” option: the customer can choose to get alarms only for H2 or for any flammables gas leaks in the area.

Highly flexible and reliable, this detector combines the Molecular Property Spectrometry technology with a specific electronic to provide Modbus, analog 4-20mA and a voltage output.

It is also equipped with two relays (Alarm 1 and Alarm 2/Malfunction) to offer a clean signal that can be managed in an intuitive way. It comes with 3 meters cable, without connector.

APPLICATION FIELDS



Storage tanks



Fuel Cells



Accurately Conducts Methane Gas Leak Detection

Piping

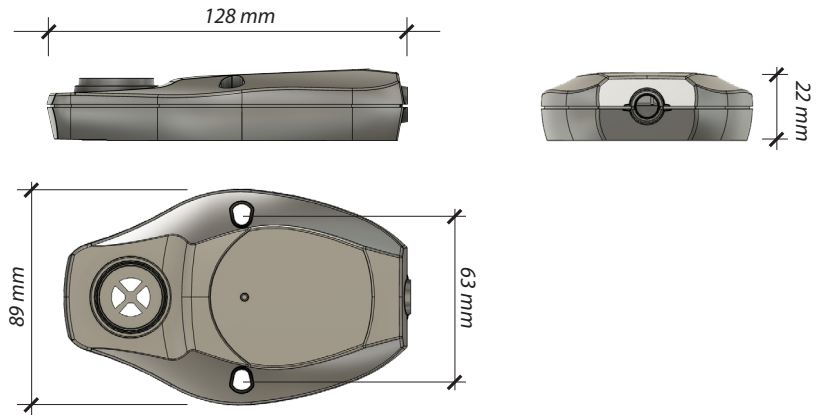
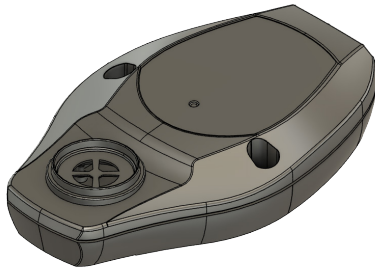


Hydrogen Distribution



H2-IND

Industrial Hydrogen Detector



TECHNICAL FEATURES

Product Codes	H2-IND-12VX	H2-IND-24V
Technology	Molecular Property Spectrometry by NevadaNano	
Gas detected	Hydrogen	
Measurement range	0-100% LEL	
Accuracy	±5% LEL	
Response Time (T90)	<20 sec.	
Resolution	0,1% LEL	
Lifetime	15+ years	
Detector Operating Features		
Signals Output	Gas concentration, Status, Prealarm, Alarm, Fault, Lifetime, Pressure, Humidity, Temperature	
Measurement Output	Modbus 4-20mA 0,4-2V Relays	
Visual Information	3 x LED (Status, Prealarm, Alarm/Fault)	
Supply Voltage	12VDC	24VDC
Power Consumption	Avg. 50mA - Peak: 60mA	Avg. 50mA - Peak: 80mA
Operating Temperature	-40° to +70°C	-40° to +60°C
Operating Humidity	0 - 100% RH	
Operating Pressure	80 to 120 kPa	
Protection grade	IP65	
Dimensions	13 x 8 x 2,2 cm	
Certifications & Approvals	CE, EMC, Rohs ATEX II 3G Ex ic IIC T3 Gc according to EN60079-0 and EN60079-11	

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