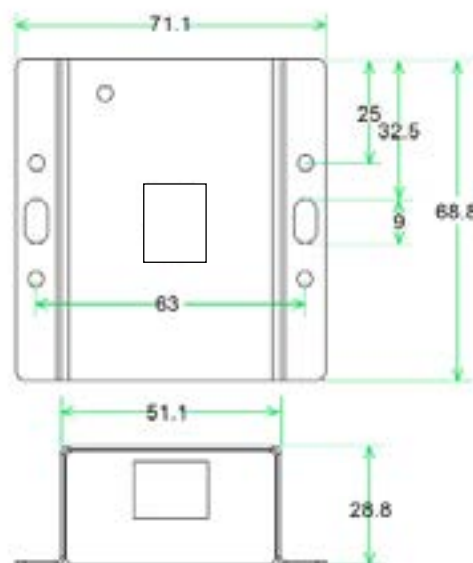




PROVISIONAL

Calibration Free - VOC, H2, Temperature and Humidity Sensor (OEM-STD-OFFGAS-H2)



General Description

Designed for monitoring off-gas in battery systems. Measures Volatile Organic Compound(VOC), Hydrogen (H2) levels, Temperature and Humidity.

Key Features

- Powered by the base unit (BASE-WIRED)
- Compact plug & play sensor
- 0U rack or wall mountable
- Steel Enclosure. Industrial grade
- No calibration required
- Alerts via SNMP Traps, email, SMS or voice calls
- Also available as a daisy chained version.

Requirements

- Plugs into the base unit (BASE-WIRED)
- Requires the optional BASE-FW-SSLS firmware add on for the BASE-WIRED

Certification and Calibration

H2	Factory Calibrated. No field calibration required over life span
Temperature	Factory Calibrated (ISO 17025 certificate optionally available)
Humidity	Factory Calibrated (as per ISO 17025 standards)
VOC	Factory Calibrated

Technical Specifications

Power source	SensorGateway (BASE-WIRED)
Power usage	360 mW
VOC measurement output range	0 – 500 VOC Index
VOC repeatability	<±5 VOC index points or % mass volume(m.v.)
VOC response time (T63)	3s
H2 detection range	0-100% LEL
H2 accuracy	±5% LEL
H2 response time (T90)	<30s
Temperature measurement range	- 40°C to 125°C
Temperature accuracy	± 0.48 °C
Relative humidity measurement range	0 to 100 % RH
Relative humidity accuracy	2% RH
Life span	min 10 years

Physical Specifications

Dimensions	71.1 mm (2.80") x 68.8 mm (2.71") x 28.8 mm (1.13")
Weight	0.13kg (0.29 lbs)