

GSM Gas Monitors: Carbon Monoxide, Methane, & Hydrogen

Individual Gas Monitors for Vaults & RT's

Monitors Toxic or Combustible Gases

Stays Calibrated up to 5 Years without Drift

Field Adjustable Alarm Thresholds

Alarms for Gas Thresholds & Sensor Fault

Calibrates On-Site without Replacement

Visual LED Alarm Status

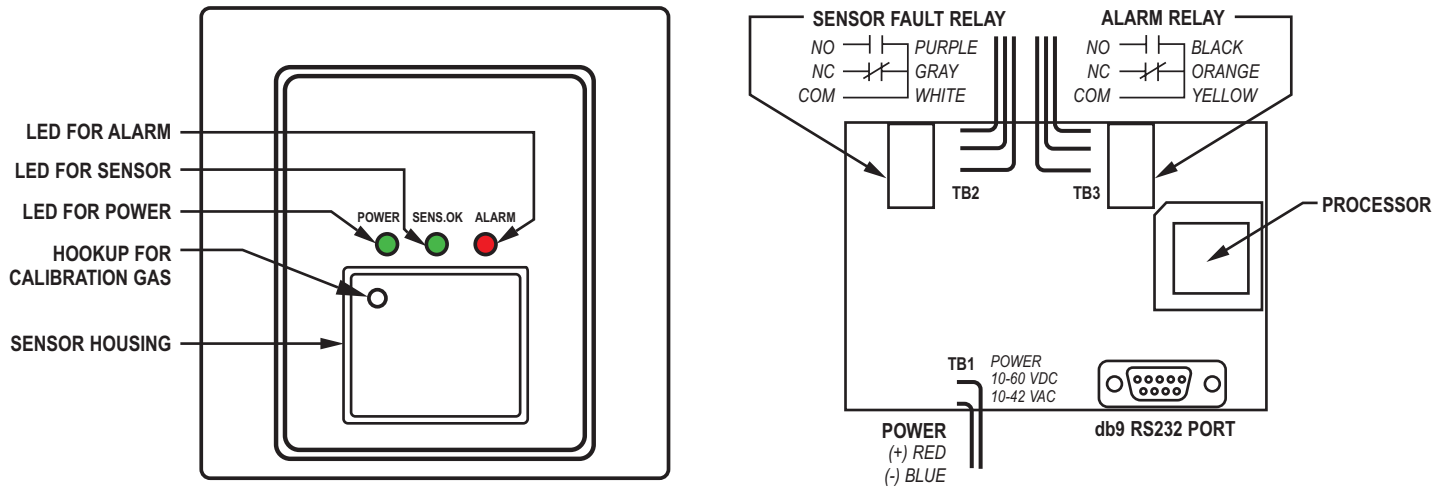


Quest's **GSM Gas Monitors** are designed to provide **safe, reliable, and long life** monitoring and alarming for toxic and combustible gases for your underground vaults, CEVs, CEMHs, CUEs, CECs, and WICs.

- **Monitors Carbon Monoxide (CO), Methane (HC), or Hydrogen (H₂) Gases.**
- **Microprocessor-based design enables gas monitors to stay in calibration up to 5 years; then can be calibrated on-site without replacing monitor.**
- **Provides separate relays for exceeding pre-set gas thresholds and sensor failure.**
- **Alarm thresholds adjustable 0 to 90% in the field via RS232 port.**
- **Powered by -48VDC ensures gases are being monitored during commercial AC power failure.**
- **Connect directly to the TELSEC® controllers.**

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Individual Gas Monitors



Key Features

- LED indicators exhibit power, alarm and sensor fault status.
- Automatic reset when gas levels fall below alarm thresholds.
- Communicate via RS232 port using standard, off-the-shelf terminal emulation software, such as Procomm® or Hyperterminal®.

Specifications

Sensor Description	Carbon Monoxide (Toxic)	Methane (Combustible)	Hydrogen (Combustible)
Model#	GSM-CO	GSM-HC	GSM-H2
Part#	300151	300149	300148
PID/SSI#	001537000	700253813	001537018
Material ID#	828371	928808	828372
Detection Range	0 to 250 ppm	0 to 10,000 ppm	0 to 500 ppm
Pre-set Alarm Level	50 ppm	5,000 ppm	200 ppm
Outputs	Relay Contact Rating K1 SPDT, Form C, normally de-energized for alarm K2 SPDT, Form C, normally energized for sensor fault		
Accuracy	±5% FS (Full Scale)		
RS232 Port	db9: On-site calibration, retrieval of gas values, and adjustment of threshold alarms		
Connections	12"(305mm) wiring harness interfaces power and alarm relay		
Power	10 to 60 VDC or 10 to 42 VAC, 3 Va		
Electrical Compliance	Meets CSA standards (ENTECLA Certification)		
Ambient Operating Temp	0 to 110°F (-18 to 43°C)	32 to 110°F (0 to 43°C)	32 to 110°F (0 to 43°C)
Dimensions	5.5"(140mm) W X 5.5"(140mm) H X 4.5"(114mm) D		
Weight	1.8 lb. (0.8kg)		
Warranty	1 year		

Specifications are subject to change without notice

 **Quest Controls, Inc.**
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