

OI-6750

The Otis Instruments OI-6750 Series is a rugged 2-Wire loop powered toxic gas detector designed for reliable performance in extreme and demanding environments. Utilizing an electrochemical sensor, it delivers accurate detection for a wide range of industrial applications.

Key Features:

- **Electrochemical Sensing:** Precise detection of toxic gases
- **2-Wire Loop-Powered:** Simplified installation with reliable performance in harsh conditions
- **Non-Intrusive Calibration:** Magnetic interface for calibration and diagnostics without opening the enclosure
- **Rugged Design:** Built for extreme temperatures and environments
- **Easy Maintenance:** Streamlined access to settings for reduced downtime

Applications:

- Oil and gas facilities
- Chemical processing
- Industrial manufacturing
- Harsh and extreme environments

The OI-6750 provides dependable, low-maintenance gas detection with durable construction and accurate performance.



2-Wire Explosion Proof Detector

Product Specifications

Sensor Type	Electrochemical only
Power Type	Loop-Powered (2-Wire)
Operating Voltage	12V to 35V DC
Current Draw	35mA Max
Display Screen	102x64 Resolution Graphical LCD Screen
Interface	3 Push-Buttons (MENU, ADD, and SUB) 3 Magnetic Non-Intrusive Switches for Calibration (MENU, ADD, and SUB)
T _{amb} Temperature Range	-40 to +60°C
Wired (Analog) Output	4-20 mA (2-Wire)
Hazardous Location	Class I, Division I, Group B, C and D; QPS Component Certified Explosion-Proof
Certification Approvals	T _{amb} -40 to + 60°C
Product Dimensions	5.08" D x 5.71" W x 9.72" H
Total Weight	5.75 lbs.
Hardware Warranty	Limited one year
Sensor Element Warranty	Varies with Sensor Element and Type
Part Number Formula	OI-6750-[Gas Type] OI-6750-H2S