

## OI-7480 Wired Monitor

The Otis Instruments Gen II ProSafe 4×8<sup>2</sup> Model OI-7480 is a powerful twelve-channel gas monitor designed to serve as a central transmission controller for industrial safety systems. The OI-7480 offers real-time monitoring, data display, alarm activation, and data transmission, ensuring comprehensive safety management in challenging environments.

### *Key Features:*

- **Twelve-Channel Monitoring:** Supports up to 12 wired sensor assemblies, providing broad coverage and accurate gas level monitoring in ambient air.
- **Reliable Signal Integration:** Receives and displays 4-20mA signals from connected sensors, offering real-time data visualization and enhanced safety awareness.
- **Advanced Data Management:** The OI-7480 allows for:
  - \* **Data Display:** Provides clear and immediate visibility of sensor readings, ensuring informed decision-making.
  - \* **Data Transmission:** Enables remote monitoring and integration with supervisory control systems.
  - \* **Alarm Activation:** Automatically triggers alarms when gas levels exceed safety thresholds, enhancing site safety protocols.
- **Versatile Application:** Suitable for industrial facilities, chemical plants, manufacturing sites, and any environment requiring robust gas detection.
- **User-Friendly Interface:** The intuitive display and control system facilitate easy configuration, maintenance, and system diagnostics.

### *Ideal For:*

- Industrial safety monitoring
- Environmental safety compliance
- Process control systems
- Facilities management

The Otis Instruments Gen II ProSafe 4×8<sup>2</sup> Model OI-7480 combines multi-channel monitoring, reliable data transmission, and automatic alarm capabilities, providing a comprehensive solution for maintaining safety and enhancing operational efficiency in industrial environments.



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# 12 Channel Non-Explosion Proof Wired Monitor

Product Specifications	
Product Type	12 Channel Wired Gas Monitor
Power Type	Wired Power
Operating Voltage	12-35 VDC or 120 AC
Current Draw	325 mA Maximum (12-Channel)
Power Supply	6.25A (150W), 85/264V AC to 24V DC (Optional)
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression
Display Screen	160x104 Resolution Graphical LCD Screen
Interface	5 Push-Buttons (MENU, ADD, SUB, SCAN/HOLD, and RESET/ESC)
T <sub>amb</sub> Temperature Range	-20°C to +70°C (-4°F to +158°F)
Wired (Analog) Input	Up to 12 Wired 4-20 mA (Analog) Inputs
Relays	4 Dry-Contact Relays with 4 Amp Replaceable Fuses Fault Terminal Option to Disable Alarm Relays Latching and Non-Latching Relay Settings Individual Set Per Channel
(Digital) Output	RS-485 Modbus
Product Compatibility	Any Otis Wired Sensor (OI-6750, OI-6000, OI-6400) 3rd Party Wired (Analog) Sensors
Enclosure Material	Fiberglass Enclosure w/ Clear Window
Product Dimensions	12 in. L x 10 in. W x 6 in. H (Max. Dimensions w/ Attachments)
Total Weight	12.15 lbs.
Product Mounting	4 Mounting Feet, 6 in. W x 12-1/4 in. T (Included) Maximum Mounting Bolt/Screw Size of 5/16 in. (8mm) Diameter
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7480-[Power]-[Channels] OI-7480-X-12

***GEN<sup>2</sup>***