

## OI-7480

The Otis Instruments OI-7480 is a twelve-channel 4-20 mA controller designed to serve as a central controller for industrial safety systems, providing real-time monitoring, alarm management, and data transmission.

### Key Features:

- **12-Channel Monitoring:** Supports up to 12 4-20mA wired sensor assemblies
- **4–20 mA Integration:** Real-time display of sensor data for enhanced visibility
- **Alarm Management:** Automatic activation when gas levels exceed set thresholds
- **Data Transmission:** Enables remote monitoring and system integration
- **User-Friendly Interface:** Simplifies configuration, diagnostics, and maintenance

### Applications:

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

The OI-7480 delivers reliable multi-channel 4-20mA monitoring and centralized control for improved safety and operational efficiency.



# 12 Channel 4-20mA Controller

## Product Specifications

Product Type	12 Channel Controller
Operating Voltage	120/240V AC
Current Draw	325 mA Maximum for Controller only
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression
Display Screen	160 x 104 Resolution Green Backlit Graphical LCD Screen
Interface	5 Push-Buttons (MENU, ADD, SUB, SCAN/HOLD, and RESET/ESC)
Customizable Settings	Option to Disable Alarm Relays
T <sub>amb</sub> Temperature Range	-20°C to +70°C
Wired (Analog) Input	Up to 12 Wired 4-20mA (Analog) Sensor Inputs
Relays	4 Dry-Contact Relays with 4 Amp Replaceable Fuses Individually Set Full Scale, Normally Open or Normally Closed, Latching or Non-Latching Fault Terminal
Digital Output	RS-485 Modbus
Product Compatibility	All Otis Wired Detectors 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, 8 in. W x 12-1/4 in. T (Included) Maximum Mounting Bolt/Screw Size of 5/16 in. (8mm) Diameter
Hardware Warranty	Limited one year
Part Number Formula	OI-7480-[Power]-12 OI-7480-AC-12