OI-7480-X-X Wired Monitor

8 or 12 Channel Non-Explosion Proof Wired Monitor

The Otis Instruments OI-7480 ProSafe 4x8 Controller is a versatile wired monitor. The OI-7480 comes standard with DC power and can be configured with AC power supply. Four relays can be individually set up to the full scale of the channel and may be set up to either latching or non-latching. Supports up to 8 or up to 12 individual 4-20 mA wired sensor assemblies that can monitor and display a variety of toxic gases, leading to safer working environment.

Product Features

- 8 or 12 Channel Wired Monitor That Supports Any 4-20 mA Wired Sensor

- 12 to 35 VDC Operating Voltage with an Optional AC Power Supply

- Operating Temperature Range of -40ºC to +70ºC

- Graphical LCD with LED Backlight

- 5 Push-Button Interface (ADD, MENU, SUB, SCAN/HOLD and RESET/ESC)

- 4 Individually Configurable Alarm Set-Points - Four Front Panel ALARM LED Indicators (Red); 4 Dry-Contact Relays (4 Amps Maximum per Relay)

- Status LEDs for Power and Fault - Multi-Color Status Light; Amber Fault LED for Indicating System Faults

- Output Options: Wet Contact DC Fault Terminal, Relay 4 Can Optionally Be Configured as a Fault Relay, RS-485 Modbus

- Standard Fiberglass Enclosure with Clear Window

- 1-Year Limited Hardware Warranty

OI-7480-X-X Product Specifications

Product Specifications	
Product Type	8 or 12 Channel Wired Gas Monitor
Power Type	Wired Powered
Operating Voltage	12V to 35V DC
Current Draw	300 mA Maximum (8-Channel) 325 mA Maximum (12-Channel)
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 and RS-232 Surge Suppression
Display Screen	160x104 Resolution Graphical LCD Screen
Interface	5 Push-Buttons (MENU, ADD, SUB, SCAN/HOLD and RESET/ESC)
T$_{amb}$ Temperature Range	-20ºC to +70ºC (-4ºF to +158ºF)
Wired (Analog) Input	Up to 8 Wired 4-20 mA (Analog) Inputs (8-Channel)
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
Product Compatibility	Any Otis Wired Sensor (OI-617, OI-6000, OI-6000K 3rd Party Wired (Analog) Sensors
Digital (Output)	RS-485 Modbus
Enclosure Material	Fiberglass Enclosure with Clear Window
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
Total Weight	12.15 lbs.
Product Dimensions	12 in. L x 10 in. W x 6 in. H (Max. Dimensions with Attachments)
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7480-[Power]-[Channels] OI-7480-X-X