

# OI-7480 Wired Monitor

## 12 Channel Non-Explosion Proof Wired Monitor

The Otis Instruments OI-7480 ProSafe 4x8 Controller is a wired monitor that supports 12 individual 4-20 mA wired sensor assemblies. The OI-7480 comes standard with AC power and can be configured for DC power. The OI-7480 has four relays that can be individually set up to the full scale of the channel and may be set to either latching or non-latching. The OI-7480 will work with any wired device with a 4-20 mA output, allowing more than just gas detection to be displayed and monitored which will lead to a safer working environment for you and your workers.



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Corporate Office  
301 S. Texas Avenue  
Bryan, Texas 77803  
P: 979-776-7700

sales@otisinstruments.com  
www.otisinstruments.com

Midland Office  
3308 Norden Drive  
Midland, Texas 79706  
P: 432-563-5858



# OI-7480 Wired Monitor

## 12 Channel Non-Explosion Proof Wired Monitor

OI-7480 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 Transflective (Sunlight Readable) with LED Backlight
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