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OTIS

OI-7440-X-4 Wired Monitor

4 Channel Non-Explosion Proof Wired Monitor

The Otis Instruments OI-7440 ProSafe 4x4 Controller is a wired monitor that supports up to four individual 4-20 mA wired sensor assemblies. Four relays can be individually set up to the full scale of the channel and may be set to either latching or non-latching. Compatible 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.



Product Features

- 4 Channel Wired Monitor - Supports Any 4-20 mA Wired Sensor
- 12 to 35 VDC Operating Voltage with an Optional AC Power Supply
- Operating Temperature Range of -40°C to +70°C
- 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
- NEMA 4X Standard Fiberglass Enclosure with Clear Window
- 1-Year Limited Hardware Warranty



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OI-7440-X-4 Product Specifications

Product Specifications	
Product Type	4 Channel Wired Gas Monitor
Power Type	Wired Powered
Operating Voltage	12V to 35V DC or 120V AC
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (Optional)
Output	RS-485 Modbus
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 Transflective (Sunlight Readable) with LED Backlight
Interface	5 Push-Buttons (MENU, ADD, SUB, SCAN/HOLD and RESET/ESC)
T _{amb} Temperature Range	-40°C to +70°C
Customizable Settings	Option to Disable Alarm Relays/Channel Individual Alarm Set Points Latching and Non-Latching Relay Settings
Wired (Analog) Input	Up to 4 Wired 4-20 mA (Analog) Inputs
Relays	4 Dry-Contact Relays with 4 Amp Replaceable Fuses Fault Terminal
Wired (Analog) Output	RS-485 Modbus
Enclosure Material	NEMA 4X Fiberglass Enclosure with Clear Window
Product Dimensions	10 in. L x 8 in. W x 6 in. H (Max. Dimensions with Attachments)
Total Weight	8.5 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
Product Compatibility	Any Otis Wired Sensor (OI-617, OI-675, OI-6000, OI-6000K) 3rd Party 4-20 mA Wired (Analog) Sensors
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7440-[Power]-4 OI-7440-X-4