

GEN²

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. The OI-7440 comes standard with DC power and can be configured with an AC power supply. The OI-7440 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-7440 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.



Product Features

- 4 Channel Wired Monitor
 - Supports Any 4-20 mA Wired Sensor
- 12 to 35 VDC Operating Voltage
 - Optional AC Power Supply
- Operating Temperature Range of -40°C to $+70^{\circ}\text{C}$
- Graphical LCD with LED Backlight
- 5 Push-Button Interface (MENU, ADD, SUB, SCAN/HOLD, and RESET/ESC)
- Four Individually Configurable Alarm Set-Points
 - Four Front Panel ALARM LED Indicators (Red)
 - Four 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
- 1-Year Limited Hardware Warranty
- Standard Fiberglass Enclosure with Clear Window



OI-7440-X-4 Wired Monitor

4 Channel Non-Explosion Proof Wired Monitor

OI-7440 Product Specifications

Product Type	4 Channel Wired Gas Monitor
Power Type	Wired Power
Operating Voltage	12V to 35V DC
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 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)
Customizable Settings	Option to Disable Alarm Relays/Channel Individual Alarm Set Points Latching and Non-Latching Relay Settings
T _{amb} Temperature Range	-20°C to +70°C (-4°F to +158°F)
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
Product Compatibility	Any Otis Wired Sensor (OI-617, OI-675, OI-6000, OI-6000K) 3rd Party 4-20 mA Wired (Analog) Sensors
Enclosure Material	Fiberglass Enclosure w/ Clear Window
Product Dimensions	10 in. L x 8 in. W x 6 in. H (Max. Dimension w/ 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
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7440-[Power]-4 OI-7440-X-4