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OI-7420-X-2 Wired Monitor

2 Channel Non-Explosion Proof Wired Monitor

The Otis Instruments OI-7420 ProSafe 4x2 Controller is a wired monitor that supports up to 2 individual 4-20 mA wired sensor assemblies. The OI-7420 comes standard with DC power and can be configured with an AC power supply. The OI-7420 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-7420 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

- 2 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°C
- Graphical LCD with LED Backlight
- 4 Push-Button Interface (MENU, ADD, SUB, 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 Lid



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| OI-7420 Product Specifications | |
|---------------------------------------|---|
| Product Type | 2 Channel Wired Gas Monitor |
| Power Type | Wired Power |
| Operating Voltage | 12V to 35V DC |
| Current Draw | 225 mA Maximum |
| Power Supply | 3.125A (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 | 4 Push-Buttons (MENU, ADD, SUB, and RESET/ESC) |
| T _{amb} Temperature Range | -20°C to +70°C (-4°F to +158°F) |
| Wired (Analog) Input | Up to 2 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-617, OI-675, OI-6000, OI-6000K) 3rd Party Wired (Analog) Sensors |
| Enclosure Material | Fiberglass Enclosure w/ Clear Window |
| Product Dimensions | 8 in. L x 8 in. W x 4 in. H (Max. Dimensions w/ Attachments) |
| Total Weight | 8.15 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-7420-[Power]-2 OI-7420-X-2 |