



32 CHANNEL TOUCHSCREEN HYBRID GAS MONITOR

LEADERS IN GAS DETECTION

Since 1977

OI-7032 Controller



Features:

- 32 Channel Hybrid Touchscreen Monitor - Supports WireFree and Up to 4 Wired Sensors
- 24 VDC Operating Voltage with an Optional AC Power Supply
- Operating Temperature Range of 20°c to +so0c
- 7-Inch Full Color Touchscreen
- Radio Options: GEN II 900 MHz, GEN II 2.4 GHz Standard; GEN I 900 MHz Radio Can Also Be Installed
- Adjustable Background Gas Setting
- 4 Individually Configurable Alarm Set-Points - Four Red ALARM Indicators; 4 Dry-Contact Relays (4 Amps Maximum per Relay)
- Status Indicator for Fault Conditions - Amber Indicator for Systems Faults
- Output Options: Wet Contact DC Fault Terminal, Relay 4 Can Optionally Be Configured as a Fault Relay, RS-485 Modbus
- 2GB USB Drive Included for Data Logging
- 1-Year Limited Hardware Warranty
- Standard Fiberglass Enclosure with Clear Window

The Otis Instruments OI-7032 Controller is a Hybrid Touchscreen Monitor that supports up to 32 WireFree Sensor inputs. Four channels can be setup for 4-20 mA wired input, making the controller compatible with both WireFree and wired sensors. Durable, flexible and customizable, this controller can operate in conjunction with either GEN I or GEN II sensors.

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| Specifications | |
|--|---|
| Product Type | 32 Channel Touchscreen Hybrid Gas Monitor |
| Operating Voltage | 24 VDC |
| Current Draw | 300 mA Maximum |
| Power Supply | 6.25A (150W), 85/264V AC to 24V DC (Optional) |
| RF Connection | External N-Female Radio Frequency (RF) Connector |
| Customizable Settings | Option to Disable Alarm Relays |
| Protection | Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression |
| Display Screen | 800x480 Resolution 7-Inch Resistive Touchscreen |
| Interface | Touchscreen |
| Tamb Temperature Range | -20°C to +50°C (-4°F to +122°F) |
| WireFree (Digital), Wired (Analog) Input | Up to 32 WireFree Digital Inputs, Up to 4 Can Be 4-20 mA Wired Analog Inputs |
| Relays | 4 Dry-Contact Relays with 4 Amp Replaceable Fuses Individually Set Full Scale, Normally Open or Normally Closed, Latching or Non-Latching and Fault Terminal |
| Digital Output | RS-485 Modbus |
| Product Compatibility | All Otis GEN I and GEN II WireFree Products and Any Wired 4-20 mA Sensors |
| WireFree Radio Options | GEN II 900 MHz Radio GEN II 2.4 GHz Radio GEN I 900 MHz Radio |
| Networks | 52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network |
| Enclosure Material | Fiberglass Enclosure with Clear Window |
| Product Dimensions | 12 in. L x 10 in. W x 6 in. H (Max. Dimensions with 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-7032-[Power]-[Radio]-A4 OI-7032-X-X-A4 |

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