OI-7010-A4-32 Hybrid Monitor

32 Channel Non-Explosion Proof Hybrid

The Otis Instruments Model OI-7010 Controller is a Hybrid Monitor that supports up to 32 WireFree Sensor inputs. In addition, 4 of the channels can be set up for 4-20 mA wired input, making the OI-7010 compatible with both WireFree and Wired sensors. The OI-7010 comes standard with DC power and can be configured with an AC power supply. With the addition of a GEN I radio, the OI-7010 can operate in conjunction with either GEN I and/or GEN II sensors. This durable, flexible, and customizable hybrid monitor, in conjunction with the Otis sensors, is part of a truly remarkable gas detection system.

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OI-7010 Product Specifications	
Product Type	32 Channel Gas Monitor
Power Operating Voltage	12V to 35V DC
Current Draw	275 mA Maximum at 24 VDC
Power Supply	3.13A (75W), 85/264V AC to 24V DC (Optional)
Antenna Connection	External N-Female Radio Frequency (RF) Connector
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression
Display Screen	2 Graphical LCD Screens with 128x64 Resolution 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
T_{amb} Temperature Range	-40°C to +70°C
WireFree (Digital) and Wired (Analog) Input	Up to 32 WireFree Sensor Inputs, of which 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 II WireFree Products and Any Wired 4-20 mA Sensors
WireFree Radio Options	GEN II 900 MHz Radio GEN II 2.4 GHz 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 w/ Clear Window
Product Dimensions	10 in. L x 8 in. W x 6 in. H (Max. Dimensions w/ Attachments)
Total Weight	8.20 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	Limited one year
Part Number Formula	OI-7010-[Power]-[Radio]-A4-32 OI-7010-X-X-A4-32

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