OI-7010 Hybrid Monitor

The Otis Instruments, Inc. Gen II OI-7010 is a Hybrid Monitor that supports up to 12 or 32 WireFree sensor assemblies, and up to four wired (4-20mA) sensors (when only eight (or 28) channels are setup as WireFree).

The OI-7010 is backward compatible with Gen I WireFree sensor assemblies, and also supports Gen II Wirefree sensor assemblies (configurable).

Features & Benefits

- RS-485 RTU Modbus output
- Ability to disable alarm relays
- Ability for each relay to be latched or non-latched
- Compatible with WireFree and/or Wired (4-20mA) Sensor Assemblies
- Monitors 12 or 32 individually configurable WireFree sensors, or up to 4 wired sensors with 8 or 28 WireFree sensors (or different combinations)
- Continuous scanning to monitor all channels
- AC or DC power-in option

Specifications

•	Operating Volt.:	12-35 VDC, 110/240 VAC
•	Compatibility:	Otis WireFree and wired (4-20mA input) sensor assemblies
•	Channels:	12 or 32
•	Gases:	All that are supported by the sensor assemblies
•	Wired Output:	RS-485 Modbus
•	Relays:	Four Dry-Contact with 4 Amp Fuses
•	Protection:	Power EMI filter, surge suppression,
•		4-20mA and RS-485 surge suppression
•	Current Draw:	275mA at 24 VDC (monitor without sensor assemblies); 6.6 Watts Max
•	Radio Options:	One Legacy radio (900 MHz, 100mW)
•		and/or one Gen II radio:
•		· 2.4 GHz ISM, 100mW
•		· 900 MHz, 200mW
•	Display:	Two graphical LCD (128 x 64), transflective, sunlight readable, LED backlight
•	Enclosure:	Stahlin 10" x 8" x 6" fiberglass, clear window
•	Operating Temp.:	-22° F to 158° F; -30° C to 70° C
•	Certifications:	NEMA 4 (enclosure only)
•	Warranty:	Hardware: 1 year (limited)

OPTIONAL MTG FOOT
.50X.31 SLOT
(4) PLC'S.

6.00

6.31 6.56

6.06

5.60

.38

12.19

.25