

GEN²

OTIS

OI-9900-X WireFree Repeater

Explosion Proof WireFree Signal Repeater

The Otis Instruments OI-9900 WireFree Repeater is a device that receives transmissions from a WireFree sensor or switcher and repeats the transmission to its corresponding monitor or controller within the WireFree network. Enables greater distances and reliable communication between the gas detector and the gas monitor.



Product Features

- 255 Channel WireFree Repeater - All Addresses on Configured Network
- 12 to 35 VDC Operating Voltage
- Operating Temperature Range of -40°C to +60°C
- 3 Push-Button Interface (ADD, MENU, SUB)
- Radio Options: GEN II 900 MHz or GEN II 2.4 GHz Radio Standard
- Individually Configurable Low and High Alarm Set-Points per Channel
- Graphical LCD with LED Back Light
- Explosion Proof Aluminum Enclosure with Class I, Division 1, Groups C & D Certifications
- 1-Year Limited Hardware Warranty



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OI-9900-X Product Specifications

Product Specifications	
Product Type	Signal Repeater/Extender
Power Type	Wired Powered
Operating Voltage	12V to 35V DC
Current Draw	150 mA Maximum at 24VDC
RF Connection	2 External N-Female Radio Frequency (RF) Connectors
Protection	Power Electromagnetic Interference (EMI) Filter
Display Screen	102x64 Resolution Graphical LCD Screen Transflective (Sunlight Readable) with LED Back Light
Interface	3 Magnetic Push-Buttons (MENU, ADD and SUB)
Tamb Temperature Range	-40°C to +60°C
Product Compatibility	All Otis GEN II WireFree Sensors
WireFree Radio Options	Two GEN II 900 MHz (200 mW) Radios Two GEN II 2.4 GHz (125 mW) Radios
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	Otis Blue Aluminum Enclosure
Product Dimensions	5.42 in. L x 6.03 in. W x 12.16 in. H (Max. Dimensions with Attachments)
Total Weight	7.5 lbs.
Hazardous Location Certifications and Approvals	Class I, Division 1, Groups C & D Ex db IIB Gb Class I, Zone 1, AEx db IIB Gb Tamb -40°C to +60°C
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-9900-[Radio]-O OI-9900-X-O