

OI-6900 Battery-Powered WireFree Sensor Assembly

The Otis Instruments, Inc. GenII WireFree OI-6900 ambient air gas sensor assembly is a WireFree gas sensor assembly that uses an Electrochemical or Infrared sensor element to detect a variety of gases.

The device comes standard with a 102 x 64 graphical LCD screen, Otis Instruments standard three-button interface, Otis-blue custom explosion proof enclosure, non-intrusive magnetic switches, and radio (900MHz or 2.4GHz).



Features & Benefits

- Non-intrusive calibration with MENU, ADD and SUB
- Glass lid for viewing amplifier display
- Explosion and weather proof custom Otis-blue enclosure
- Rapid response and clearing time
- Rain/splashguard for sensor protection

Specifications

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- **POWER:** 3.6 Volt Lithium-Thionyl Chloride (Li-SOCl₂ w/ connector, non-rechargeable)
- **BATTERY LIFE:** EC 1 year (nominal); IR 6 months (nominal)
- **UNIT ADDRESS:** 1-52 networks (1-78 for 2.4 GHz);
1-255 addresses per network
- **BACKGROUND:** Adjustable (0.01 to 10% of full-scale)
- **DISPLAY:** Graphical LCD, sunlight readable (transflective), LED back-light
- **CERTIFICATION:** CSA: Class I, Div I, Groups C and D T6 Ex d IIB, Zone 1 Aex d IIB T6
ATEX: II 2 (1) GEx d mb [ia] IIB T6
- **ENCLOSURE:** Otis-blue explosion/flame-proof
- **WARRANTY:** Hardware: One year (limited)
Sensor: One year (varies with sensor type)
Battery: 90 days from ship date

Options

- **SENSOR TYPE:** Electrochemical or Infrared
- **GASES:** H₂S, O₂, CL₂, H₂, NH₃, CO, LEL and more
- **RADIO TYPE:** 2.4 GHz ISM, 100 mW or 900 MHz 200mW

Dimensions

