

Data Sheet

Model OI - 6900 - NH3 - 2 - M2
Wire Free Sensor Assembly



PRODUCT PHOTO



OI - 6900 - NH3 - 2 - M2

DESCRIPTION

The Otis Instruments, Inc Wirefree Model OI-6900-NH3-2-M2 Sensor Assembly is an innovative wireless gas detection system designed to monitor gas in hostile environment without the use of wires or conduit from the controller to the sensor.

The OI-6900-NH3-2-M2 is self contained and battery operated. The sensor functions by transmission of radio wave messages to the Relayer OI-WF752, Interface OI-7010-230AC-2 or any other compatible receiving controller. The device is field adjustable for interface with other systems.

The OI-6900-NH3-2-M2 enclosure is Class I, Division 1 certified and can be calibrated and configured non - intrusively by using an Otis Instruments, Inc. distributed magnet.

Features such as the relay/alarm tests and battery voltage indication make this device a truly remarkable gas detection system.

SPECIAL FEATURES

- Non intrusive calibration with MENU, ADD and SUB.
- Glass Lid for viewing amplifier display.
- Explosion and weather proof Moore enclosure.
- Rapid response and clearing time.
- Rain/Splashguard for sensor protection.

SPECIFICATIONS

- WireFree (wireless) Sensor Assembly housed in a Explosion Proof Enclosure CSA Certified Class1, Division 1, Group C&D.
- Uses a “4 Series” electro-chemical Ammonia sensor with a two year warranty.
- Radio frequency is 2.4GHZ 100m W for transmissions up to 3 miles line of sight.
- Transmission frequency is every 1 minute without gas present and every 5 sec. with gas present above the set background level.
- 3.6 Volt Lithium “D” size battery and has a life of approximately one year.
- Field adjustable address and background gas level.
- Relay (alarm) test mode.
- Non-intrusive calibrations using magnet provided, or a push button backup system for all sensor functions.
- Digital Display.
- 7” Dipole straight Antenna and Antenna Fitting.
- Black Rain / Splash Guard.
- Sensor Range 0-100 ppm.
- Sensor cables and connectors are not required.
- Operation Manual included.

Due to OTIS commitment to research, design and product improvement, specifications are subject to change without notice.

Distributor

ENDEE ENGINEERS PVT. LTD.

Office : 25/N, Laxmi Industrial Estate, Link Road, Andheri (W), Mumbai - 400 053.

Tel. : 6692 3081 / 82 | Fax : 2637 5973

Email : sales@endee-engineers.com | info@endee-engineers.com

Website : www.endee-engineers.com

Otis Instrument, Inc.

2200 E. Vill Maria Dr

Bryan, TX 77802

979.776.7700

Fax : 979.776.7719

info@otisinstruments.com

www.otisinstruments.com