

SPECIFICATIONS

Wired Power:

12-35 VDC

Current Draw:

250mA; varies per configuration

Unit Address:

1-52 networks (1-78 for 2.4 GHz); (WF Only) 1-255 addresses per network

Output:

4-20mA (3-wire); RS-485 Modbus

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)

OPTIONS

Sensor Type:

Electrochemical, Catalytic Bead, Infrared, or PID

Gases:

H2S, O2, SO2, Cl2, H2, NH3, CO, LEL (Hydrocarbons), CO2, etc.

Relays:

Two Dry-Contact with 4 Amp Fuses

Radio Type:

 $2.4~\mbox{GHz}$ ISM, $100~\mbox{mW}$ or $900~\mbox{MHZ}$ $200\mbox{mW}$

TEMPERATURE RANGES

Electrochemical:

CO: -20C to +50C (NEMOTO)

NH3: -30C to +50C (NEMOTO)

HCI: -20C to +40C (CITYTECH)

O2: -30C to +40C (CITYTECH)

HCI: -20C to +40C (CITYTECH)

HCI: -20C to +40C (CITYTECH)

HCI: -20C to +40C (CITYTECH)

HF: -20 C to +40C (CITYTECH)

Catalytic Bead:

Gen II: -20 C to +150 C (NEMOTO) IF

IR: -20 C to +150 C (DYNAMENT)
IRLT: -40 C to +50 C (DYNAMENT)



The Otis Instruments, Inc. Gen II WireFree OI-6000 ambient air gas sensor assembly is a WireFree gas sensor assembly that uses an Electrochemical, Catalytic Bead, PID, or Infrared sensor element to detect a variety of gases.

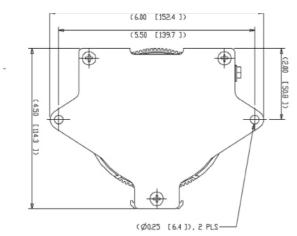
The device comes standard with a 102×64 graphical LCD screen, Otis Instruments standard three-button interface, Otis-blue custom explosion proof enclosure, non-intrusive magnetic switches, and radio (900 MHz or 2.4 GHz).

FEATURES AND 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.

OI-6000 GEN II SENSOR ASSEMBLY DRAWING

www.otisinstruments.com • Phone: 979.776.7700 • Fax: 979.776.7719



Customer Service: 1.888.698.9602

Infrared: