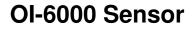


## LEADERS IN GAS DETECTION

Since 1977





Gas Type	Range	T <sub>90</sub>	Warranty
CB-LEL	0-100% (0-5 % vol.)	< 90 sec.	24 months
CL2	0-10 ppm	< 60 sec.	12 months
CLO2	0-1 ppm	< 120 sec.	12 months
со	0-1000 ppm	< 30 sec.	24 months
CO2	0-5% vol.	< 30 sec.	60 months
H25	0-100 ppm	< 30 sec.	24 months
Н252К	0-2000 ppm	< 25 sec.	24 months
HCL	0-30 ppm	< 300 sec.	12 months
HCN	0-50 ppm	< 70 sec.	12 months
IR-LEL	0-100% (0-5 % vol.)	< 30 sec.	60 months
NH3	0-100 ppm	< 90 sec.	12 months
NH3300	0-300 ppm	< 120 sec.	12 months
NH3A	0-1000 ppm	< 120 sec.	12 months
NO2	0-20 ppm	< 25 sec.	12 months
02	0-25% vol.	< 15 sec.	24 months
РНЗ	0-5 ppm	< 30 sec.	12 months
SO2	0-20 ppm	< 35 sec.	24 months
VOC	0-2000 ppm (Max)	< 3 sec.	6 months

## Features

- Electrochemical, Infrared, Catalytic Bead or PID Sensor Element
- Wired Power (3-Wire), 12 to 35 VDC Operating Voltage
- Operating Temperature Range of -40°C to +54°C
- Graphical LCD with LED Backlight
- 3 Push-Button Interface (ADD, MENU, SUB) with 3 Corresponding Magnetic, Non-Intrusive Switches
- 2 Individually Configurable Alarm Set-Points: Two Front Panel LED Indicators (Amber and Red); Optional 2 Dry-Contact Relays
- Output Options: 4-20 mA (3-Wire) Analog, RS-485 Modbus, Optional GEN II 900 MHz or GEN II 2.4 GHz Radio
- Sensor Element Warranty Subject to Otis
   Verification
- 1-Year Limited Hardware Warranty

The Otis Instruments 01-6000 Series Ambient Air Hazardous Gas Detector is a versatile assembly that uses an eletrochemical, infrared, catalytic bead or PID sensor element to detect a variety of gases. Wired power (12 to 35 VDC) with 4-20 mA analog and RS-485 Modbus outputs standard. Mangetic switches allow for non-intrusive calibration while in the field as well as full system settings and diagnostics.

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Specifications		
Sensor Type	Eletrochemical, Infrared, Catalytic Bead or PID	
Operating Voltage	Wired Power (3-Wire) 12 to 35 VDC	
Power Draw	2 Watts Maximum	
Protection	Power Eletromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression	
Display Screen	102x64 Resolution Graphical LCD Screen Transflective (Sunlight Readable) with White LED Backlight	
Interface	3 Push-Buttons (MENU, ADD and SUB) 3 Magnetic, Non-Intrusive Switches for Calibration	
Customizable Settings	2 Individually-Configurable Alarm LED/Relay Set-Points	
Tamb Temperature Range	-40°C to +54°C (-40°F to +130°F)	
Output (Digital)	RS-485 Modbus	
Wired (Analog) Output	4-20 mA (3-Wire) Fault Terminal Optional 2 Dry-Contact Relays with Replaceable 4 Amp Fuses	
Remote Sensor Kit (Optional Additional Feature)	OI-501-5 Remote Sensor Kit with Enclosure (5 Pin) <ul> <li>Electrochemical Sensor Max. Length: 250 Feet</li> <li>Infrared Sensor Max. Length: 40 Feet</li> <li>PID Sensor Max. Length: 35 Feet</li> <li>Catalytic Bead Sensor Max. Length: 15 Feet</li> </ul>	
Product Dimensions	5.5 in. T x 6 in. W x 7 in. H (8 in. W x 17 in. H Max. with Attachments)	
Total Weight	6 lbs.	
Hazardous Location Certifications and Approvals	Class I, Division 1, Groups C & D Ex d IIB T6 Gb Class I, Zone 1, AEx db IIB T6 Gb Tamb -40°C to +54°C	
Hardware Warranty	1-Year, Limited	
Sensor Element Warranty	Varies with Gas Type	
Part Number Formula	OI-6000-[Sensor Type]-[Gas]-[Radio Option]-[Relay Option]-O OI-6000-X-X-X-O	

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