

# Data Sheet



Model OI-6900 GenII WireFree Sensor Assembly

## DESCRIPTION

The GenII WireFree OI-6900 ambient air gas sensor assembly is the new generation of WireFree gas sensor assemblies from Otis Instruments.

The OI-6900 has been designed to reject EMI and other forms of interference in order to avoid false gas readings.

The OI-6900's key feature is non-intrusive calibration and configuration. With all adjustments made at the sensor assembly, one-man non-intrusive calibration is quick, easy, and allows the sensor housing and enclosure to remain Class I, Div. 1, Group C and D certified while in the field.

The device is self-contained and battery operated. The device is field adjustable for background gas, and addressable to eliminate interference with other systems.

Features such as auto-setting Null, relay/alarm tests and battery voltage indication make this device a truly remarkable gas detection system.

## FEATURES

- 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

## PRODUCT PHOTO



## SPECIFICATIONS

<b>Sensor Type:</b>	Electro-Chemical
<b>Battery Type:</b>	Lithium-Thionyl Chloride (Li-SOC12) w/ connector Non-rechargeable
<b>Battery Volt.:</b>	3.6 VDC
<b>Battery Life:</b>	1 year (normal op.)
<b>Radio Options:</b>	2.4 GHz ISM, 100 mW, 2.5 miles LOS
<b>Unit Address:</b>	1-255
<b>BackGnd Adj:</b>	10% of full-scale
<b>Display:</b>	Graphical LCD, sunlight readable, 128x64 resolution
<b>Enclosure:</b>	Otis-Blue Explosion Proof
<b>Certification:</b>	CSA certified, Class 1, Div I, Groups C and D Ex d IIB, Zone 1 Atex d IIB
<b>Warranty:</b>	Device: 1 Year (limited) Sensor: 1 Year (unless otherwise specified) Battery: 90 Days

**Otis Instruments, Inc.**  
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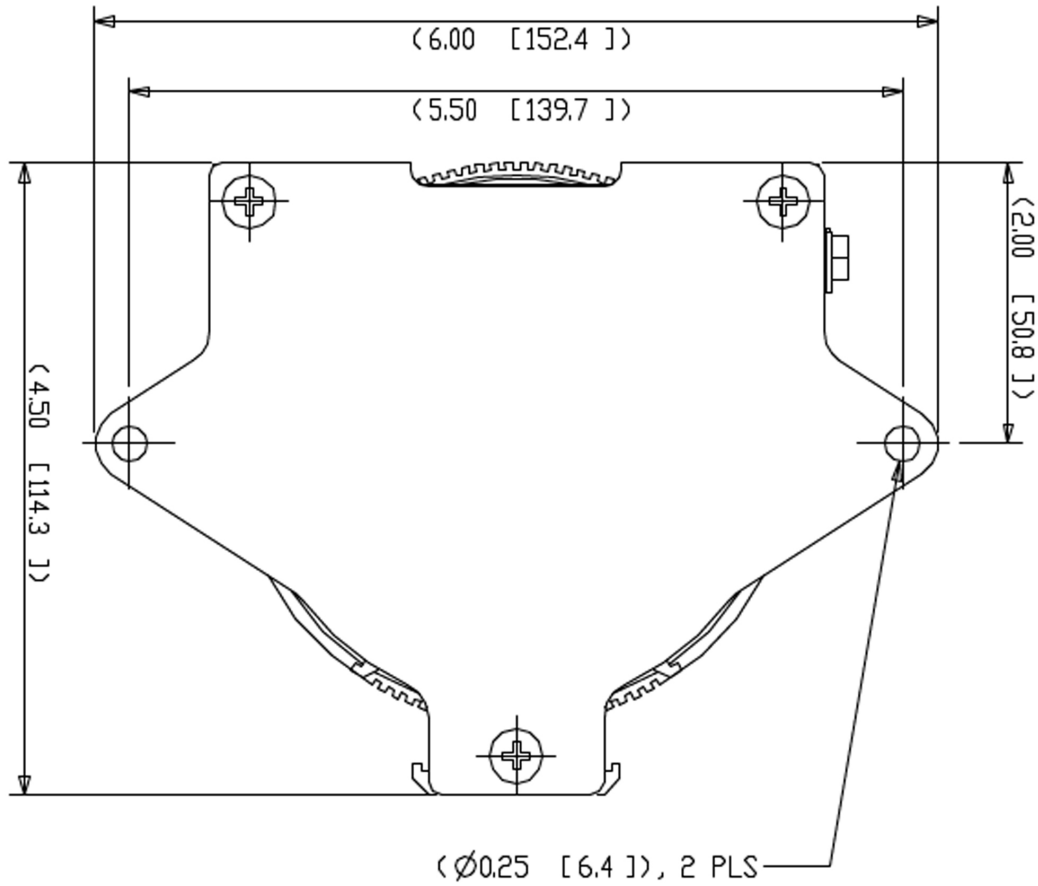
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## DIMENSIONS



Revision 1.2

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