

GPR-11-32 % OXYGEN SENSOR (COPY)

GPR-11-32 % oxygen sensor is a galvanic type oxygen sensor and offers excellent stability and accuracy under stringent applications. All sensors are subjected to the most extensive stability test, output in air, 30" of water column pressure test and stability at 100% oxygen. The widest range of oxygen sensors offered by Analytical Industries, Inc. are "Made in USA"



This sensor is specifically designed for percent oxygen analyzers offered by Advanced Instruments Inc.

This sensor is available with following connections

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|-------------|---|
| GPR-11-32RT | Phone Jack |
| GPR-11-32-4 | 4-Pin connection |
| GPR-11-60-4 | 4-Pin connection with 60 months life in air |

TECHNICAL SPECIFICATIONS

| | |
|----------------------------------|---------------------|
| Measuring Range | 0-100% |
| Accuracy ¹ | +/-2% of Full Scale |
| Signal Output ² | 35-55uA |
| Linearity | +/-2% of Full Scale |
| Response T90 | 7 sec |
| Operating Temp | 0 to 45°C |
| Recommended Storage ³ | 0 to 25°C |
| Temperature Coefficient | un-compensated |
| Shelf Life ⁴ | 6 months |
| Humidity Non-condensing | 0-99% RH |
| Expected Life | 32 months |
| Warranty ⁵ | 12 months |
| Electrical Conn | 2 Ring PCB |

Conditions:

Specification validated during design and in pursuit of improvement are subject to change without notice

1) At constant temperature and pressure. 2) In air (20.9% oxygen) at 25°C and 1 atm. 3) Sensor may be stored up to 55°C on an intermittent basis, for example, during transportation. 4) In original Package at 25°C and 1 atm. 5) Under normal operating conditions, the sensor is warranted to be free of defects in material and workmanship for the specified period provided the sensor is properly installed and operated. The sole remedy for sensor determined to be defective by Analytical Industries Inc. is limited to replacing the sensor. Analytical Industries Inc. will not be liable for buyer's negligence, misapplication, abuse or accident.