



Analytical Industries Inc.
Advanced Instruments Inc.

PSR-11-39-MD1

Replacement for ANDI Alpha 1 analyzer, BMR-500, Biomarine M15 / 15.5 rebreathers, and many more...

Advanced galvanic type oxygen sensor with 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"



OEM Equipment:

ANDI Alpha 1 Oxygen Analyzer
 BMR-500 Rebreather
 Biomarine MK15 / 15.5 Rebreather
 CCR-1000 Rebreather
 Nuair Quickstick and Pro O2
 OMS Oxygen Analyzer OX-ANII
 SM1000 / SM1600 Rebreather
 OMS OX-SNSR Sensor
 Teledyne R-22DHO Sensor

TECHNICAL SPECIFICATIONS

| | |
|----------------------------------|-------------------|
| Measuring Range | 0-100% |
| Accuracy ¹ | ±2% of Full Scale |
| Signal Output ² | 23 – 27 mV |
| Linearity | ±2% of Full Scale |
| Response T90 | 6 sec |
| Temp Coefficient | compensated |
| Operating Temp | 0 to 45°C |
| Recommended Storage ³ | 0 to 25°C |
| Shelf Life ⁴ | 6 months |
| Humidity Non-condensing | 0-99% RH |
| Expected Life | 42 months |
| Warranty ⁵ | 12 months |
| Electrical Conn | 3 Pin Molex |

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.