



PSR-11-33-NM1

Replacement for BMR-500, Biomarine MK15/5 rebreathers, replaces multiple oxygen sensors, and more...

Advanced galvanic type oxygen sensors with excellent stability and accuracy under stringent applications. All oxygen 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:

- BMR-500 Rebreather
- Biomarine MK15/15/5 Rebreather
- CCR-1000 Rebreather
- SM1000 Rebreather
- SM1600 Rebreather (modified MK15)
- Maxtec MAX-310s oxygen Sensors
- Teledyne R-10DS oxygen Sensors

TECHNICAL SPECIFICATIONS

Measuring Range	0-100%
Accuracy ¹	±2% of Full Scale
Signal Output ²	22 – 28 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
Qualified at	1.3 ATA
Shelf Life ⁴	6 months
Humidity Non-condensing	0-99% RH
Expected Life	42 months
Warranty ⁵	12 months
Electrical Conn	Winchester 2 pin

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.