PSR-11-39-MD

Replacement sensor for HydroSpace Explorer, Inspiration rebreather, KISS rebreather, 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:

HydroSpace Explorer
Inspiration Rebreather (original configuration)
KISS Rebreather
Olympic Submarine Technologies CCR-2000
Oxy Spy
City Technology MOX-1 Sensor
Maxtec MAX-12 Sensor
Teledyne R-22D Sensor
Teledyne R-24 Sensor

TECHNICAL SPECIFICATIONS

Measuring Range	0-100%
Accuracy[1]	±2% of Full Scale
Signal Output[2]	8.5-14 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	1.8 ATA
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 notice1) 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 In. will not be liable for buyer's negligence, misapplication, abuse or accident.