



Analytical Industries Inc.
Advanced Instruments Inc.

PSR-12-223

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:

AMI 1000 RS
 AMI 2001 RS/RSP/RSM
 AMI 2010 B
 AMI Watchdog
 GE Panametrics OX-1
 Teledyne 300 T
 Teledyne 310, 311/D/XL, 3110
 Teledyne 315
 Teledyne 316 A/B, RA/RB
 Teledyne 317 RA/RB
 Teledyne 318/318 R
 Teledyne 3000 TA/TA-XL/TB
 Teledyne 3010 TA/TB
 Teledyne 3020 T
 Teledyne 3160
 Teledyne 3190
 Teledyne Insta Trans
 Teledyne OT-3
 Teledyne Turbo 2/2P
 AMI T1 Sensor
 GE Sensing Panametrics OX-1 Sensor
 Teledyne B-2/C/CAP/C-XL Sensor
 Teledyne M-2 Sensor
 Teledyne S-2 Sensor
 Teledyne Z-2 Sensor



TECHNICAL SPECIFICATIONS

Measuring Range	0-100%
Accuracy ¹	+/-2% of Full Scale
Signal Output ²	295-625 uA
Linearity	+/-2% of Full Scale
Response T90	7 sec
Temp Coefficient	compensated
Operating Temp	0 to 45°C
Recommended Storage ³	0 to 25°C
Temperature Coefficient	Compensated
Shelf Life ⁴	6 months
Humidity Non-condensing	0-99% RH
Expected Life	18-24 months
Warranty ⁵	12 months
Electrical Conn	2 Ring Gold Disk



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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.