



Analytical Industries Inc.
Advanced Instruments Inc.

XLT-12-123 PPM OXYGEN SENSOR-REPLACEMENT FOR A2C, OX2 AND T2

XLT-12-123, replaces A2C, OX2 & T2, This PPM oxygen sensor is 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"

***Recommended in gas mixtures with CO₂ > 0.5%



OEM Equipment:

AMI T2 Sensor
GE Sensing Panametrics OX-2 Sensor
Teledyne A-2, A-2C Sensors

TECHNICAL SPECIFICATIONS

Measuring Range	0-25%
Accuracy ¹	+/-2% of Full Scale
Signal Output ²	295-625 uA
Linearity	+/-2% of Full Scale
Response T90	7 sec
Temp Coefficient	un-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

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.