## Analytical Industries Inc.

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Oxygen Sensor Model	PSR-11-75-KE1	
Measuring Range	0-100% O2	
Signal Output (1)	10-14.5 mV	
Response Time 90%	13 Seconds	LEAD WIRE
Accuracy Full Scale (2)	<u>+</u> 1%	[69.85] 2.750
Accuracy FS Over Operating Range (3)	<u>+</u> 5%	
Drift % Signal Month (2)	< 1%	
Linearity (2)	<u>+</u> 1%	M16 X 1 THREAD— [40.89]
Humidity Non-Condensing	0-99% RH	1.610
Temperature Coefficient	Compensated	
Operating Temperature	0-45° C	[7.32] .288 NOTE:
Operating Pressure	Constant 5-30 PSIG	(22.86) FOR OPTIMUM PERFORMAI THIS END FACING DOWN CHORIZONTAL
Flow Rate	.1-10 LPM	HONZONIAL
Expected Life (1)	60 Months	
Storage (4)	0 to 40°C	
Warranty (5)	24 Months	
Electrical Connections	Conn Plug 2 Position	
Packaging	Polyetylene bag in 3" x 3" x 1.5" paper box	
Recommended Storage	< 6 months	

- (1) In air @ 25° C and 1 atm. Expected life varies inversely with changes in O2 concentration, temperature, pressure.
- (2) Under constant conditions. Calibrate as near sample conditions as possible. Calibrate with 95-100% oxygen for measurements > 40% oxygen.
- (3) Once the signal output stabilizes following a step change in temperature.
- (4) Recommended 0-40° C. Sensors may be stored at -10 to 55° C on an intermittent basis only.
- (5) Ex-factory unless agreed to in writing. Under normal application conditions sensor is warranted to be free of defects in material and workmanship for the period specified above proved the sensor is properly installed and operated. Analytical Industries Inc. shall not be liable for buyer's negligence, misapplication, alteration or abuse. The sole remedy for a sensor determined to be defective by Analytical Industries Inc. is limited to replacing the defective sensor.

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