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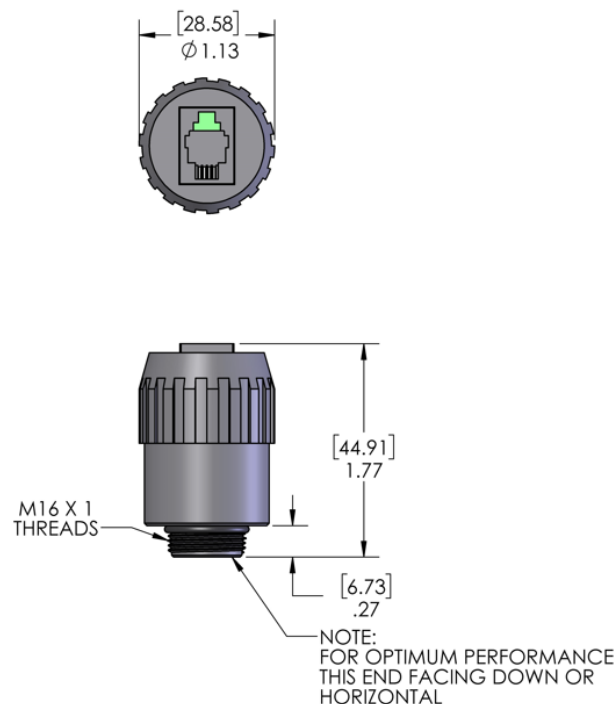
www.processsensing.com

Percent O₂ Sensor for % Oxygen Measurement

GPR-11-60-RTS

Specifications

Measuring Range	0-25% O ₂
Signal Output (1)	35-55 μ A ambient air
Response Time 90%	9 Seconds
Accuracy Full Scale (2)	$\pm 1\%$
Accuracy FS Over Operating Range (3)	$\pm 5\%$
Drift % Signal Month (2)	< 1%
Linearity (2)	$\pm 1\%$
Humidity non-condensing	0-99% RH
Temperature Coefficient	2.54%
Operating Temperature	0-45° C
Operating Pressure	Constant 5-30 PSIG
Flow Rate	0-2.5 LPM
Expected Life (1)	60 Months
Storage (4)	0-40° C
Warranty (5)	12 Months
Electrical Connections	RJ-45 Phone Jack
Recommended Storage	< 6 months



Note: When the sensor is stored, do not expose to temperatures above 50°C for an extended period of time. Failure to do so may have a negative impact on its performance and life.

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. Sensing Surface should point downwards. 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 provided 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.