

SENSOR DATA SHEET



membrane Oxygen Sensor
(25 % Vol. max. reading)
Part No. 403172-D-3

Minimum Indicated Concentration 0.8 % O₂
 Min. Indicated Concentration Change 0.1% Vol. O₂
 Accuracy ± 0.5 %Vol. O₂
 Response Time (Rise)¹ T₉₀..... < 10 seconds (typical)
 Temperature Range³ 10° to 40°C (50° to 104°F)
 Humidity Range 5–95 %RH, non-condensing
 Warranty Period² 12 Months from Shipping Date
 Recommended Calibration Flow Rate 1000 cc/min

¹Room Temperature

²Sensors are always operating, long-term storage is not recommended.

³Slight variations in output may be observed with temperature fluctuations.

Notes:

Mechanical Pressure: Mechanical pressure on the face of the sensor, whether in storage or use, may cause electrolyte leakage from the sensor.

Calibration: This sensor must be in thermal equilibrium with its associated transmitter for calibration. A two hour equilibration period should be allowed prior to calibration when the sensor is initially plugged in to its transmitter, or if the transmitter is powered up after an extended outage.

Cross-Interferences*

Carbon Dioxide	20% Vol.	None
Helium	0 – 100% Vol.	None
Hydrocarbons	% Range	None*

*Some Solvents may physically attack the sensor case and other polymer components.