

% Oxygen Sensor

Model: SRX-CA60-4

SRX-CA60-4 Oxygen Sensor is a galvanic type micro fuel cell specific to oxygen. Its innovative design with electro-etched sensing cathode provides with extremely smooth sensing surface for excellent signal stability. This sensor has same characteristics as SRX-CA32-4 but offers 60 months operating life (see conditions below). Sensor is designed, developed and manufactured in the USA.

SRX-CA60-4 replaces: Analytical Industries Inc., GPR-11-60-4

Specifications*



Sensor Technology	Galvanic Type Micro Fuel Cell
Measuring Range	0 to 100 Percent Oxygen
Signal Output ¹	35-60 uA
Response Time T90	13 seconds
Accuracy ²	+/- 1% of signal
Drift ²	< 2%
Linearity	+/- 1%
Repeatability	+/- 0.5%
Temperature Coefficient	2.0% / °C
Operating Temperature	0 to 50°C
Storage Temperature	5to 35°C
Recommended Flow Rate	0.5 - 5 SCFH
Humidity Non-Condensing	0 - 99% RH
Expected Life ³	60 months
Recommended Storage	6 months
Warranty ⁴	12 months
PCB Connections	MAC-4MR-4 Connector

Note: SRX-CA60-4 is packaged in a polyethylene bag. Do not expose sensor to temperatures above 50°C for extended period of time. Failure to do so may have negative impact on its performance and life.

1. Signal Output measured in air at 25°C at atmospheric pressure.
2. At constant temperature and pressure.
3. At ambient temperature and pressure, and oxygen content less than 21%.
4. AST warrants the sensor for 12 months to be free from defects in materials and workmanship. AST will not be held liable for sensor damaged due to customer neglect.

* Specifications are validated during design and are subject to change without notice.