



CO₂-O₂ Oxygen Sensor

Sensor Specifications

Operating Principle - Galvanic Fuel Cell

Primary Sensitivity - Partial Pressure O₂

Range - 0-100% O₂

Output (@ 20.9%) - 9.5-13.5 mV

Response Time (90%) - 15 seconds (per ISO/DIS 7767)

Electrical Connection - 2 Micro Pins

Min. Required Circuit Impedance - 10k ohms

Linearity - +/- 1% of full scale when calibrated @ 100% O₂

Operating Temperature - 32 to 104 degrees F

Humidity Range - 0-100%RH, non-condensing

Effects of Relative Humidity - -0.03, relative O₂, per % of RF @ 25 C

Zero Output - < 0.4 mV in 100% N₂

Ambient Pressure - 600-1300 kPa

Warranty - 12 Months

