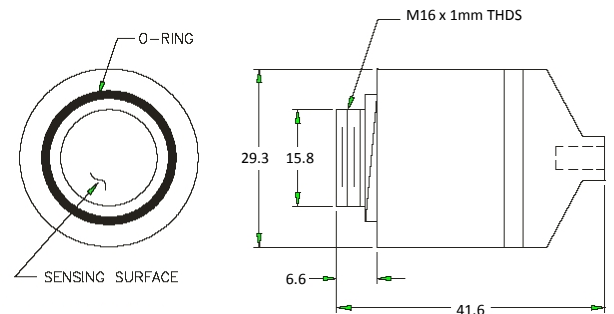


Automotive Oxygen Sensors

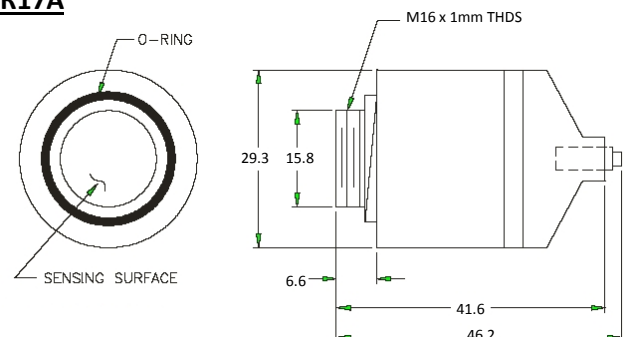
Sensor Models:	R17A, R21A & R22A
Output Range:	7 – 13 mV in air 25°C at sea level standard (Other ranges optional)
Range:	0 to 100% O ₂
Resolution:	Better than 0.1% O ₂
Linearity:	±1% of full scale at constant temperature and pressure
Expected Life:	36 months at 20.9% oxygen, 25°C, 50% RH
Response Time:	30 seconds or less 20.9% O ₂ to 0.1% O ₂ (Actual response of sensor is < 6 seconds 0 to 90% O ₂)
Humidity:	0-99% RH, non-condensing
Operating Temperature:	0° to 50°C
Temperature Compensation:	±5% of reading over the operating range (At thermal equilibrium)
Cross Interference:	Less than 0.1% O ₂ response to: 15% CO ₂ , balance N ₂ 7% CO, balance N ₂ 3000 ppm NO, balance N ₂ 3000 ppm HC (Hexane), balance N ₂
Connectors:	3 Pin Molex (R21A & R22A) Switchcraft mini phone jack (R17A)
Approvals:	PTB, BAR87, BAR90, CE



R21A & R22A



R17A



Warranty

Instrument is warranted for 1 year from date of shipment against defects in material or workmanship.