



Werkstattausrüstung & Service

Alles für die Kfz-Werkstatt

Envitec Automotive Oxygen Sensor Type Oxiplus A

Sensor Specifications*

Measurement Range	0 - 100 % Oxygen	
Output voltage (new sensor)	7-13 mV, dry ambient air	
Temperature Compensation	built in	
Response Time	a) < 5 seconds to 90% of final value, b) < 40 seconds fall time from 21% O ₂ to 0.1% O ₂ (when 100% N ₂ applied)	
Accuracy	0 - 2% oxygen ± 0.1% absolute 2.1 - 25% oxygen ± 5.0% relative 25.1 - 100% oxygen ± 10.0% relative	
Cross Interference:	less than 0.1% O ₂ response to: 15.0% CO ₂ balance N ₂ 10.0% CO balance N ₂ 3000 ppm NO balance N ₂ 3000 ppm C ₃ H ₈ balance N ₂	
Zero Offset Voltage	less than 40 µV in 100% N ₂ , applied for 5 minutes	
Recommended Load (instrument)	≥ 10 k Ohms	
Operating Temperature.	0...50°C	
Recommended Max. Storage & Tem	3 months / Temperature +5 °C...15°C	
Operating humidity	up to 95% RH	
Weight	approximately 30 grams	
Expected life	approximate 33 Months at 20.9 % O ₂ , (Air) **	
Approvals	PTB AUII /Meets BAR 97 requirements	
Part Numbers, Electrical Interface	Type OOA101	3 pin Molex
	Type OOA101-1	3.5 mm Mono Jack
*All specifications are applicable at standard conditions: 1013hPa, 25°C dry ambient air		
**Based on 500.000 % O ₂ hours		
Vers 2/2004 Drawings not to scale. Dims. in mm.		

Sensors (Molex & Jack Interface)



Sensor Outline Drawing

