

## Product Datasheet: Environmental Alcohol Sensor

Range	0-250 ppm
Overload	250 ppm
Filtering	None
Expected life	5 years in non-corrosive atmosphere
Output signal	See table below
Temperature range	-20°C to +50°C (+75°C version available)
Pressure range	Withstands 10 atmospheres pressure
Pressure coefficient	TBA
T90 response time	TBA
Relative humidity range	15% - 90% non-condensing
Typical baseline offset (20°C)	25nA
Typical baseline offset (40°C)	75nA
Typical long term output drift	10% per year
Interfacing requirements	Refer to applications notes
Repeatability	< +/- 2%
Output linearity	linear to 500 ppm ethanol
Temperature coefficient of response	TBA
Position sensitivity	None
Storage life	Two years at 20°C
Warranty	Two years in non-corrosive atmosphere
Weight	10g
Dimensions	40mm x 35mm x 9.5mm

*Values are typical, but without implied guarantee*

<b>SENSITIVITY DATA (1mm aperture)</b>	
<b>Chemical</b>	<b>Sensitivity (nA/ppm)</b>
Methanol	20
Ethanol	15
Isopropanol	5
Carbon monoxide	10
H <sub>2</sub>	7
SO <sub>2</sub>	7
Acetaldehyde	5
Phenol	10
Dimethyl ether	Sensitive
Ethylene	Sensitive



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