



3EU CiTiceL

Performance Characteristics

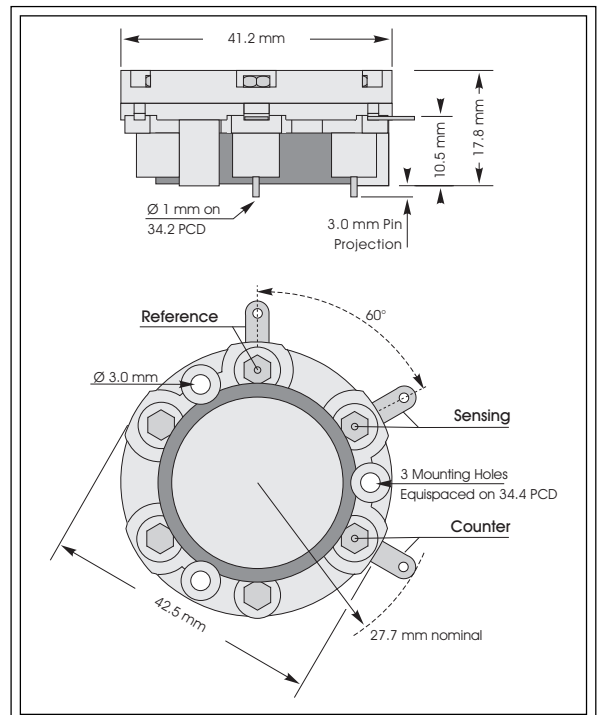
Nominal Range	0-1000ppm
Maximum Overload	2000ppm
Expected Operating Life	Two years in air
Output Signal	0.075 ± 0.010 μA/ppm
Resolution at 20°C	0.5ppm
Temperature Range	-20°C to +50°C
Pressure Range	Atmospheric ±10%
Pressure Coefficient	0.02 ± 0.008% signal/mbar
T ₉₀ Response Time	<35 seconds
Relative Humidity Range	15 to 90% non-condensing
Typical Baseline Range (pure air)	-1 to +3ppm equivalent
Maximum Zero Shift (-20 to +40C)	2ppm equivalent
Long Term Output Drift	<5% signal loss/year
Recommended Load Resistor	10Ω
Bias Voltage	Not required
Repeatability	1% of signal
Output Linearity	Linear
Storage Life	Six months in CTL container
Weight	Approx 22g
Position Sensitivity	None
Recommended Storage Temp.	0-20°C
Warranty Period	12 months from date of despatch

N.B. All performance data is based on conditions at 20°C, 50%RH, and 1013mBar

Cross-Sensitivity Data

Gas	CO	H ₂ S	SO ₂	NO	NO ₂	Cl ₂	H ₂	HCN	HCl	C ₂ H ₄
%	100	≈350	≈65	≈25	≈-60	≈-40	<60	≈40	≈5	≈90

This data is expressed as a percentage of primary sensitivity (e.g. CO = 100%)



All tolerances ±0.15mm unless otherwise stated.

Sensor shown with side tags and gold pins.

Do not solder to pin connections.



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