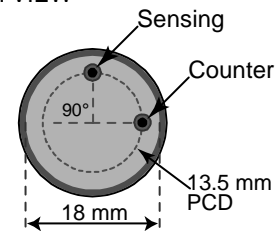
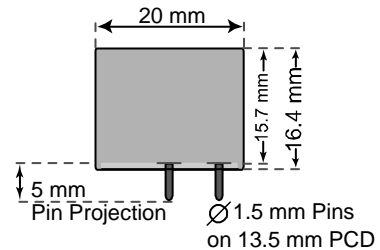


**SPECIFICATION SHEET FOR CH<sub>2</sub>O SENSOR TYPE CH2O/M-2000-2E****PERFORMANCE CHARACTERISTICS**

Nominal Range	0 – 2000 ppm
Maximum Overload	Nd
Expected Operation Life	2 years in air
Output Signal	200 ± 50 nA/ppm
Resolution	1 ppm
Temperature Range	- 20 °C to + 50 °C
Pressure Range	Atmospheric ± 10 %
Pressure Coefficient	No data
t <sub>90</sub> Response Time	N.D.
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	- 3 ppm to + 1 ppm
Maximum Zero Shift (+20°C to +40 °C)	-N.D.
Expected Long Term Output Drift	N.D.
Recommended Load Resistor	33 Ohm
Bias Voltage	Not required
Repeatability	< 3 % of signal
Output Linearity	Linear

**PHYSICAL CHARACTERISTICS**

Weight	~ 5.4 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

**Miniature-Size Outline Dimensions****BOTTOM VIEW****SIDE VIEW****CROSS-SENSITIVITY DATA**

Interfering Gas	Cross sensitivity
H <sub>2</sub>	1% - 3%
CO	10% - 18%
Interference from other reducing gases such as alcohols	

Performance data conditions:  
20 °C, 50% RH and 1013 mbar

**APPLICATIONS**

For Portable Gas Detectors