

SPECIFICATION SHEET FOR Cl₂ Sensor TYPE CI2/C-2000

PERFORMANCE CHARACTERISTICS

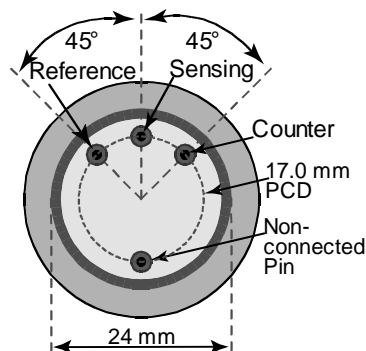
Nominal Range	0 – 2000 ppm
Maximum Overload	4000 ppm
Expected Operation Life	2 years in air
Output Signal	- 10 ± 3 nA/ppm
Resolution	10 ppm
Temperature Range	- 40 °C to 50 °C
Pressure Range	Atmospheric ± 10%
Pressure Coefficient	No data
T ₈₀ Response Time	< 60 sec
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	< 10 ppm
Maximum Zero Shift (+20°C to +40°C)	- 20 ppm
Long Term Output Drift	< 2% signal loss/month
Recommended Load Resistor	10 – 33 Ohm
Bias Voltage	Not required
Repeatability	< 2 % of signal
Output Linearity	Linear

PHYSICAL CHARACTERISTICS

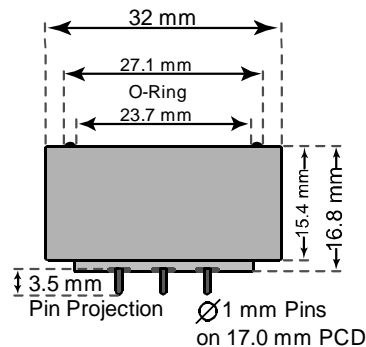
Weight	~ 13 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

Compact-Size Outline Dimensions

BOTTOM VIEW



SIDE VIEW



CROSS-SENSITIVITY DATA

Interfering Gas	Concentration	Reading
CO	300 ppm	0 ppm
SO ₂	100 ppm	0 ppm
NO	35 ppm	0 ppm
H ₂	300 ppm	0 ppm
NO ₂	200 ppm	~ 240 ppm
H ₂ S		ND

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

APPLICATIONS

Continuous Air Quality Monitoring
Safety and Environmental Control