ЗАКАЗАТЬ: CH2O/M-10 сенсор формальдегида 0-10 ppm

SPECIFICATION SHEET FOR FORMALDEHYDE-SENSOR TYPE CH2O/M-10

PERFORMANCE CHARACTERISTICS

Nominal Range	0 – 10 ppm
Maximum Overload	30 ppm
Expected Operation Life	2 years in air
Output Signal	4600 ± 1200 nA/ppm
Resolution	0.01 ppm
Temperature Range	- 20 °C to + 50 °C
Pressure Range	Atmospheric ± 10 %
Pressure Coefficient	No data
T_{60} Response Time	< 40 sec
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	-0.1 ppm to +0.1 ppm
Maximum Zero Shift (+20°C to +40 °C)	0.25 ppm
Expected Long Term Output Drift	< 2 % signal loss/month
Recommended Load Resistor	10 Ohm
Bias Voltage	Not recommended
Repeatability	< 2 % of signal
Output Linearity	Linear
Humidity Effect	Abrupt changes in rel. humidity causes a short term transient signal

CROSS-SENSITIVITY DATA

Interfering Gas	Cross-Sensitivity (%)
H2	1 % - 3 %
CO	10 % - 18 %
Interference from other reducing gases, such as alcohols	

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

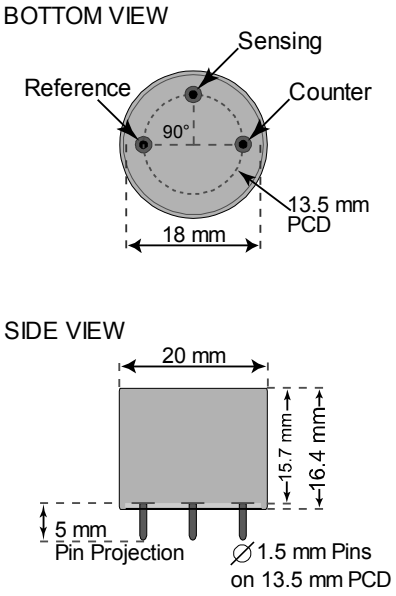
APPLICATIONS

Safety and Environmental Control
For Portable Gas Detectors

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



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