ЗАКАЗАТЬ: H2/M-1000 сенсор водорода 0-1000 ppm

MEMBRAPOR

SPECIFICATION SHEET FOR H_2 SENSOR TYPE H2/M-1000

PERFORMANCE CHARACTERISTICS

Nominal Range	0 – 1000 ppm
Maximum Overload	Nd
Expected Operation Life	2 years in air
Output Signal	25 ± 10 nA/ppm
Resolution	1 ppm
Temperature Range	- 20 °C to + 50 °C
Pressure Range	Atmospheric ± 10 %
Pressure Coefficient	No data
t_{90} Response Time	< 60 sec
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	- 10 ppm to + 10 ppm
Maximum Zero Shift (+20°C to +40 °C)	20 ppm equivalent
Expected Long Term Output Drift	< 2 % signal loss/month
Recommended Load Resistor	10 Ohm
Bias Voltage	Not required
Repeatability	< 5 % of signal
Output Linearity	Linear

CROSS-SENSITIVITY DATA

Interfering Gas	Concentration	Reading
CO	100 ppm	< 20 ppm

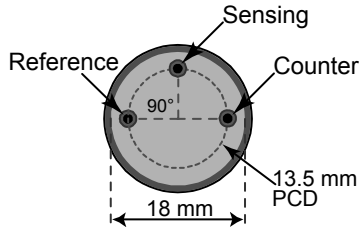
Performance data conditions:
20 °C, 50% RH and 1013 mbar

PHYSICAL CHARACTERISTICS

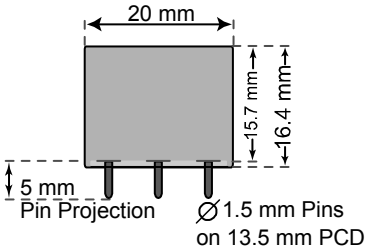
Weight	~ 5.4 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

Miniature-Size Outline Dimensions

BOTTOM VIEW



SIDE VIEW



APPLICATIONS

Safety and Environmental Control
For Portable Gas Detectors

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