ЗАКАЗАТЬ: NO2/M-20 сенсор диоксида азота 0-20 ppm

MEMBRAPOR

SPECIFICATION SHEET FOR NO_2 SENSOR TYPE NO2/M-20

PERFORMANCE CHARACTERISTICS

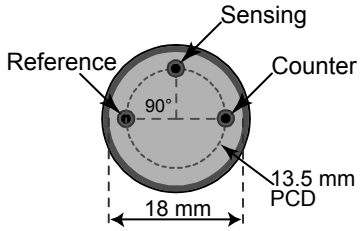
Nominal Range	0 – 20 ppm
Maximum Overload	Nd
Expected Operation Life	2 years in air
Output Signal	-600 ± 150 nA/ppm
Resolution	0,1 ppm
Temperature Range	- 20 °C to + 50 °C
Pressure Range	Atmospheric ± 10 %
Pressure Coefficient	No data
t_{90} Response Time	< 25 sec
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	- 0,2 ppm to + 0,2 ppm
Maximum Zero Shift (+20°C to +40 °C)	0,2 ppm equivalent
Expected Long Term Output Drift	< 2 % signal loss/month
Recommended Load Resistor	33 Ohm
Bias Voltage	Not required
Repeatability	< 2 % of signal
Output Linearity	Linear

PHYSICAL CHARACTERISTICS

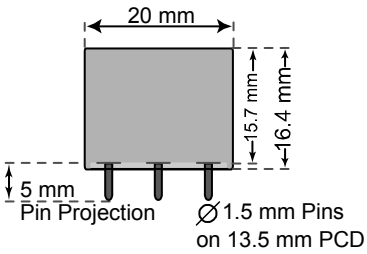
Weight	~ 5.4 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

Miniature-Size Outline Dimensions

BOTTOM VIEW



SIDE VIEW



CROSS-SENSITIVITY DATA

Interfering Gas	Concentration	Reading
CO	300 ppm	0 ppm
SO_2	5 ppm	0 ppm
Cl_2	1 ppm	~ 1 ppm

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

APPLICATIONS

Continuous Air Quality Monitoring
Safety and Environmental Control
For Portable Gas Detectors

The data contained in this document is for guidance only. Membrapor AG accepts no liability for any consequential losses, injury or damage resulting from the use of this document or the information contained within it. The data is given for guidance only. Customers should test under their own conditions, to ensure that the sensors are suitable for their own requirements.

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