ЗАКАЗАТЬ: O3/C-200 сенсор озона 0-200 ppm

MEMBRAPOR

SPECIFICATION SHEET FOR O_3 SENSOR TYPE O3/C-200

PERFORMANCE CHARACTERISTICS

Nominal Range	0 – 200 ppm
Maximum Overload	400 ppm
Expected Operation Life	2 years in air
Output Signal	- 400 ± 130 nA/ppm
Resolution	0,1 ppm
Temperature Range	- 20 °C to 45 °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)	< 0,2 ppm
Maximum Zero Shift (+20°C to +40°C)	0,2 ppm
Typical Long Term Output Drift	< 2% signal loss/month
Recommended Load Resistor	10 Ohm
Bias Voltage	Not recommended
Repeatability	5 % of signal
Output Linearity	Linear

CROSS-SENSITIVITY DATA

Interfering Gas	Concentration	Reading
CO	200 ppm	0 ppm
H_2	200 ppm	0 ppm
SO_2	5 ppm	0 ppm
H_2S		ND
NO	35 ppm	0 ppm
NO_2	5 ppm	~ 5 ppm
Ethylene	100 ppm	0 ppm
Cl_2	5 ppm	~ 4 ppm

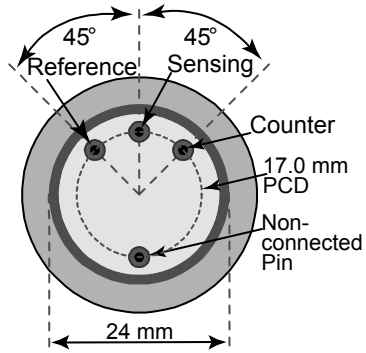
Performance data conditions:
20 °C, 50% RH and 1013 mbar

PHYSICAL CHARACTERISTICS

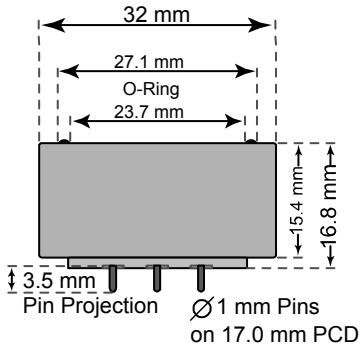
Weight	~ 13 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

Compact-Size Outline Dimensions

BOTTOM VIEW



SIDE VIEW



APPLICATIONS

Continuous Air Quality Monitoring
Safety and Environmental Control

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