HIGH PERFORMANCE GAS MEASUREMENT MODULE MAX-CO

Item code: MAX-CO-C1000

Description: Internal Sensor module for measuring CO gas.

Used for: MAQM-MAX

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Measuring technology	Electro-chemical
Measurement range	0-1000 ppm
Overload	2000 ppm
Resolution	0.001 ppm
Lower Detectable Limit	0.04 ppm
Accuracy	+/- 2% of Reading value
Linearity	< 0.1% of Full scale
Response Time (T90)	< 35s
Operating Pressure	Atmospheric ± 10%
Working Temperature	-40 .. + 50 oC
Working Humidity	15..90% RH non-condensing, continuous
Sensor Life Time	3 years in clean air
Drift in Air	< 2 % signal loss per month
Power supply	9..36VDC, max 30mA

CROSS SENSITIVITY DATA

The table below does not claim to be complete. Interfering gases should not be used for calibration.

Interfering Gas	Concentration [ppm]	Reading [ppm]
C_2H_4	10	14
CH_2O	5	15
Cl_2	20	-11
H_2	400	< 200
H_2S	20	60
NO	50	13
NO_2	100	-64
O_3	1	~ -1
SO_2	100	78

Important Application Notes:

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