

# 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 <sub>2</sub> H <sub>4</sub>	10	14
CH <sub>2</sub> O	5	15
Cl <sub>2</sub>	20	-11
H <sub>2</sub>	400	< 200
H <sub>2</sub> S	20	60
NO	50	13
NO <sub>2</sub>	100	-64
O <sub>3</sub>	1	~ -1
SO <sub>2</sub>	100	78

## Important Application Notes:

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🕒 Revision #4

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