HIGH PERFORMANCE GAS MEASUREMENT MODULE MAX-CO2

Item code: MAX-CO2-LP5000

Description: Internal Sensor module for measuring CO2 gas.

Used for: MAQM-MAX

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Measuring technology	NDIR
Measurement range	0-5000 ppm
Overload	100 %
Resolution	1 ppm
Lower Detectable Limit	10 ppm
Accuracy	+/- 30 ppm + 3% of reading
Linearity	< 0.1% of Full scale
Response Time (T90)	< 30s
Operating Pressure	500 mbar to 2 bar absolute
Working Temperature	0 .. + 50 oC
Working Humidity	0..95% RH non-condensing, continuous
Sensor Life Time	10 years in clean air
Pressure Dependence	0.14% signal per mbar deviation from 1013 mbar, 950-1050mba
Power supply	9..36VDC, max 30mA

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