

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 |

- 🕒 Revision #2
- ★ Created Mon, Dec 26, 2022 8:29 PM by [Lộc Vĩnh Nguyễn](#)
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