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Room air quality, temperature and CO2

Features:

- Range of 0 ppm to 2000 ppm CO2, measuring signals are converted into standard signals of 0 – 10 V;
- The CO2 content of air is determined by a NDIR sensor;
- Self-calibration of the CO2 measurement takes place in cycles of ca. 7 days;
- Adherence to device-specific parameters provided, the expected service life of the air quality sensor amounts to at least 36 months, the CO2 sensor's life expectancy up to 10 years;

Technical specifications:

CO2	
Sensor	Optic NDIR (NDIR)
Range	0 ÷ 2000ppm
Pressure dependence	± 1.6/kPa (for standard pressure)
Stability	± 1% / an
Gas exchange	by diffusion
Air quality	
Sensor	VOC (metal-oxide)
Range	0 ÷ 100% (mixed gas pollution)
Accuracy	± 20%
Temperature	
Range	0 ÷ 50℃
General technical specifications	
Output	0 ÷ 10V
Power supply	24Vac/dc
Warm-up period	~ 1 hours
Operating temperature	0 ÷ 50℃
Electrical connection	0.14-1.5 mm2 screw terminals on circuit board
Case	Plastic, ABS, optional stainless steel
Size	95x97x30mm, opt.100x100x25 (stainless)
Installation	On-wall or on in-wall flush box O 55 mm
Protection	IP 30, class III
EMC	EN 61326+A1+A2; 89/336/EWG , 73/23/EWG

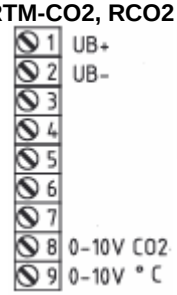
Type :

xx-CO2 with LCD | **RTM-CO2-A with LED** | **xx-CO2 stainless**

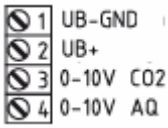
Connection :

RCO2

RTM-CO2, RCO2



RLQ-CO2



Available models:

Type	Range CO2	Range air quality	Range temperature
RCO2	0 ÷ 2000ppm	-	-
RTM-CO2	0 ÷ 2000ppm	-	0 ÷ 50℃
RTM-CO2-A	0 ÷ 2000ppm	-	0 ÷ 50℃
RLQ-CO2	0 ÷ 2000ppm	0 ÷ 100%	-
RLQ-CO2-display	0 ÷ 2000ppm	0 ÷ 100%	-

Dimension (mm):