

AIR QUALITY SENSORS / CO₂ MONITOR

CO₂-monitor GS 42.00 pro



Accessories



Back part for surface wiring 200.004

Overview

- CO₂-sensor / CO₂-monitor
- Measurement of an aerosol equivalent
- LED signal
- 3 open-collector outputs
- Acoustic signaling deactivatable
- Mute function
- Detection of air quality
- Easy installation and mounting
- Modern and planar design
- Wall mounting

Note:

- The 230 V AC to 12 V DC power supply doesn't fit in the back part 200.004, the back part is only for surface wiring. Hence, it is recommended to install the power supply in a wall or junction box.

Information about CO₂ and Covid-19

- Every person is emitting CO₂ and aerosols e.g. during breathing. Today **aerosols are claimed to be one of the transmission ways of SARS-CoV-2**. CO₂-concentrations can be measured and the correlation between the CO₂ and the aerosol concentration can be used for analytical investigations, which use the measured CO₂-concentration to calculate a likely aerosol concentration. (*TU Berlin*)
- A longer stay in small, bad or not ventilated room can increase the probability of a Covid-19 spread by aerosols even on bigger distances over 2 m. (*RKI*)
- The use of our CO₂-sensors and the resulting room ventilation **helps minimizing the risk of infection** e.g. in schools or offices, gyms, restaurants or other premises where several people stay together.

Order numbers

■ müller	
GS 42.00 pro	CO ₂ -Air quality sensor / CO ₂ -monitor
	Available from Q4 2020

AIR QUALITY SENSORS / CO₂ MONITOR

CO₂-monitor GS 42.00 pro

Order information

	EAN	Art. No.
GS 42.00 pro	4022709241467	24146

Technical data

Supply voltage	12 V DC & 110-230 V AC separate power supply included
Separate power supply	for 110-230 V AC 31,7 x 26,7 x 21,8 mm with cables (litz wires)
Sensors	CO ₂
Visual information	3 LEDs
Measurement monitor	Green: up to 1.000 ppm Yellow: up to 2.000 ppm Red: from 2.000 ppm
Outputs	3x „open-collector“ output with the following specifications: ▪ ext. supply voltage U max = 50 V DC ▪ max. current I max = 45 mA
Permitted ambient temperature	0° ... +50° C
Housing	self-extinguishing thermoplastic
Dimensions	80,5 x 80,5 x 17 mm
Housing color	studio white (similar to RAL 9016) specific colors on request
Mounting	wall mounting (preferably combined with flush-mounting box)
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations

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