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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



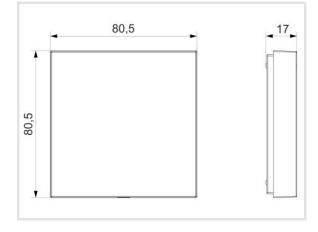
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Order information

	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	CO ₂	
Visual information	3 LEDs	3 LEDs	
Measurement monitor	Yellow: up to 2.00	Green: up to 1.000 ppm Yellow: up to 2.000 ppm Red: from 2.000 ppm	
Outputs	specifications: ■ ext. supply volta	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	e 0°+50° C		
Housing	self-extinguishing	self-extinguishing thermoplastic	
Dimensions	80,5 x 80,5 x 17	80,5 x 80,5 x 17 mm	
Housing color		studio white (similar to RAL 9016) specific colors on request	
Mounting	wall mounting (preferrably comb box)	(preferrably combined with flush-mounting	
Type of protection	IP 20 (DIN EN 60	IP 20 (DIN EN 60529)	
Class of protection	III when installed	III when installed according to regulations	



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