



GS-CO2-01

CO2 DETECTOR

Monitor CO2 levels effortlessly with Futuristic Carbon Dioxide Transmitter GS-CO2-01. Available in wall and duct mounting enclosures, this transmitter utilizes Swiss photoacoustic sensor technology for reliable monitoring with ranges up to 0-20,000 ppm.



The instrument offers optional RS485 communication, programmable buzzer alarm, and relay outputs. Suited for demand control ventilation in commercial buildings and various industrial applications, including cold storage monitoring, greenhouse monitoring, confined spaces, and hospital laboratories.

FEATURES

- Swiss Photoacoustic (PAS) Sensor
- Available With/Without Display And Duct Mounting Enclosure
- Range Options Up To 20,000 Ppm
- LCD Display
- RS-485 Modbus Communication (Optional)
- Relay Output (Optional)
- Buzzer Alarm (Optional)

SPECIFICATIONS

Range	0-2000ppm 0-5000ppm 0-10000 ppm 0-20000ppm (selected at time of ordering)
Accuracy	±5% in 0~1000 ppm range
Output	4-20mA/ 0-10 VDC (User field selectable)
Display	4½ digit LCD Display
Relay	Optional single relay output (NO/CO/NC) Freely programmable Rated 2 amps
Storage Conditions	-10 to 60 °C
Size	80 (H) x 120 (W) x 55 (D)
Response Time	<3 minutes for 90% step change
Warm up Time	<2 minutes, 10 mins for max accuracy
Power Supply	24 VDC, 200 mA
Communication	Optional RS-485 Modbus communication
Buzzer Alarm	Optional programmable in built buzzer alarm for high alarm, high high alarm and extreme high alarm

ORDERING CODE

CO2 Transmitter Series	GS-CO2-01		
Mounting Type	XX	WN	Wall Mount
		D1	Duct Integral Probe
Relay	XX	NN	None
		01	SPDT Relay, 2A
Buzzer		NN	None
		1	Programmable Buzzer
Comm. Port	X	N	None
		1	RS485, Modbus
Display	XX	NN	Without display
		D2	LCD Display
CO2 Measurement Range	XXX	2K	0 to 2000 PPM
		5K	0 to 5000 PPM
		10K	0 to 10000 PPM



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