

LFG201 Wall-mounted Carbon Dioxide Transmitter

FEATURES

- Imported infrared light source and dual-channel thermopile detector
- The sensor is oxygen-free and has a service life of >5 years
- Long-term stability and reliability
- Double-layer waterproof membrane design effectively prevents water vapor from entering



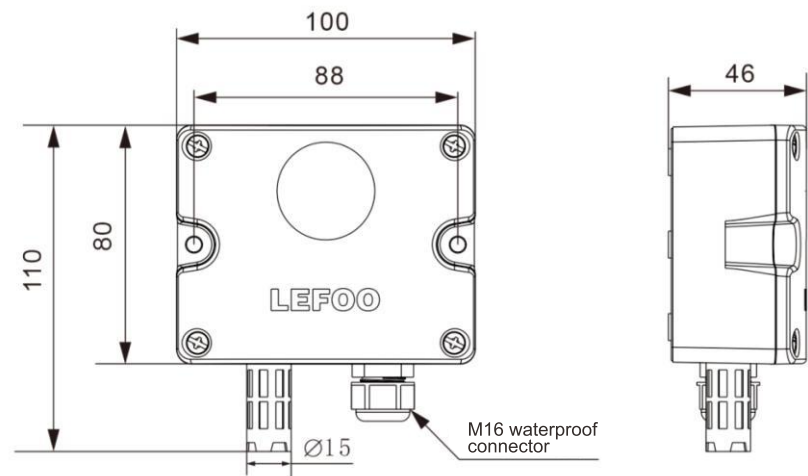
DESCRIPTION

LFG201 Wall-mounted Carbon Dioxide Transmitter is based on the fact that different gases have different absorption capabilities for infrared light in a specific band. It measures the concentration of the measured gas by measuring the degree of infrared light absorption. Compared with electrochemical sensors, it has the characteristics of long life and good stability, wide power supply range and power supply anti-reverse connection protection. It is suitable for indoor air quality detection, air conditioners, air purifiers, vegetable greenhouses and other occasions to measure carbon dioxide gas.

SPECIFICATION

Output	4~20mA(3-wire)	0~5V(3-wire)	0~10V(3-wire)	RS485(4-wire)
Working Voltage	10-30Vdc	10-30Vdc	16-30Vdc	10-30Vdc
Working Temperature	-10°C~50°C			
Working Humidity	0-80%RH(no condensation)			
Accuracy	0-2000PPM/0-5000PPM/0-10000PPM			
Measured concentration	±(40PPm+ 3%Fs)@25°C			
Preheat Time	2min(available) -10min(maximum accuracy)			
Protection Level	IP6x			
Service Life	>5years			

DIMENSION (mm)



WIRING INSTRUCTIONS

RS485 digital output type wiring		
power supply	red	positive Power
	black	negative power
communication	green	485-A
	white	485-B

Voltage/Current Analog Output Type Wiring		
power supply	red	positive Power
	black	negative power
communication	green	Voltage/Current Output Positive
	white	Voltage/Current Output negative

ORDER REF NO.

Code and description				Remark
LFG201	Wall-mounted Carbon Dioxide Transmitter			Model
	1	2000ppm		Range
	2	5000ppm		
	3	10000ppm		
	V0	0-5V		Output
	V10	0-10V		
	A4	4-20mA		
	RS	RS485/Modbus		
LFG201	-	2	A4	Model Example