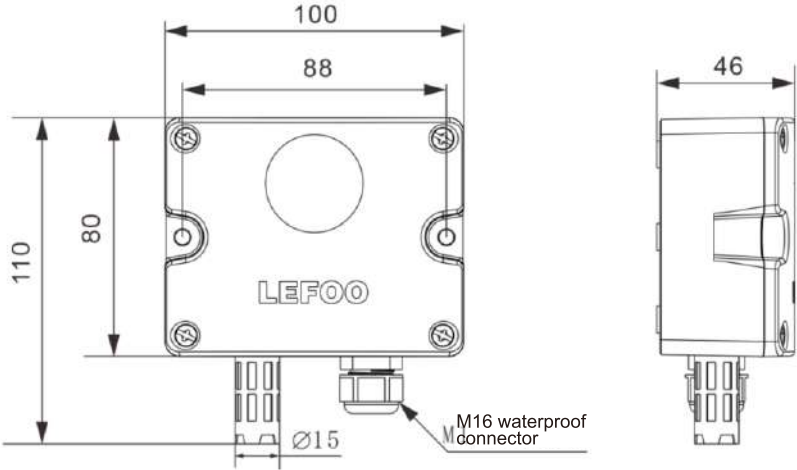




Dimension in : mm

LFG201

Wall-mounted Carbon Dioxide Transmitter



WIRING INSTRUCTIONS

RS485 digital output type wiring			Voltage/Current Analog Output Type Wiring		
power supply	red	positive Power	power supply	red	positive Power
	black	negative power		black	negative power
communication	green	485-A	communication	green	Voltage/Current Output Positive
	white	485-B		white	Voltage/Current Output negative

LFG201 Wal-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.

LFG102Series Order Ref NO

LFG102 - 2 A4
A B

A	Range	B	Output
1	2000ppm	V0	0~5V
2	5000ppm	V10	0~10V
3	10000ppm	A4	4~20mA
RS=RS485/Modbus			

Specification

General	Value			
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	>5 years			