

## LFG101 Wall-mounted Carbon Monoxide Transmitter

### FEATURES

- High linearity sensor provides accurate and reliable stability.
- Good repeatability, service life > 5 years.
- Optional output signal, power reverse connection protection.
- Double-layer waterproof membrane design, prevent moisture entering.



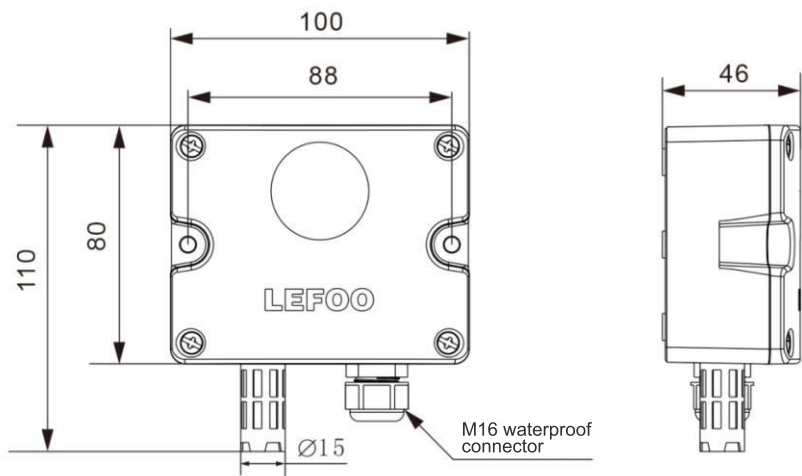
### DESCRIPTION

LFG101 Wall-mounted Carbon Monoxide Transmitter uses electrochemical principle to detect carbon monoxide in the air, with good selectivity and stability. Three output modes of current, voltage and RS485 are optional, wide voltage power supply and power supply anti-reverse connection protection. It is suitable for carbon monoxide gas monitoring in indoor air quality detection, air conditioners, air purifiers, underground parking lots and other occasions.

### 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	-10~50°C			
Working humidity	15%~90%RH			
Work pressure	1atm(Standard Atmospheric Pressure)±10%			
Measured concentration	0-500ppm/0-1000ppm			
Accuracy	±5%F. S@25°C			
Response time( $T_{90}$ )	≤15s			
IP grade	IP6x			
Service Life	>5year			

DIMENSION (mm)



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

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Code and Definition				Description
LFG101	Wall Mounted Carbon Monoxide Transmitter			Model
	1	500ppm		Range
	2	1000ppm		
		V0	0-5V	Output
		V10	0-10V	
		A4	4-20mA	
		RS	RS485/Modbus	
LFG101 - 1 - A4				Model Example