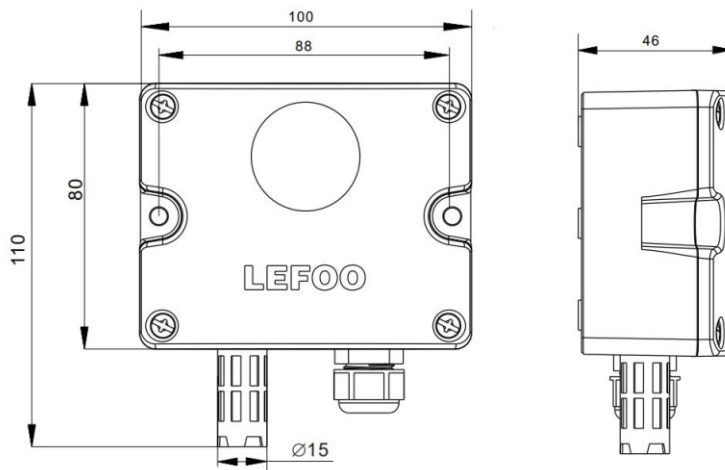


LFG101

Carbon Monoxide Transmitter



Dimension in : mm

LFG series Carbon Monoxide Transmitters use electrochemical principles to detect carbon monoxide in the air, with good selectivity and stability. Carbon Monoxide and Oxygen undergo redox reaction on the working electrode and the counter electrode, releasing charges to form current. The concentration of Carbon Monoxide can be determined by measuring the volume of the current. It is applicable for precision gas measurement and control in indoor air quality, air conditioner, air purifier, underground parking lots and other occasions.

LFG101Series Order Ref NO

LFG101 - **A** **1** **A4**
A B C

A Sensing Element	B Measurement Range	C Output
Electro-chemical	1=500ppm	V0=0~5V
	2=1000ppm	V10=0~10V
		A4=4~20mA
		RS=RS485/Modbus

Specification

General	Value			
Output Mode	4~20mA	0~5V	0~10V	RS485
Working Voltage	10-30Vdc	10-30Vdc	16-30Vdc	10-30Vdc
Working Temperature	-10°C~50°C			
Working Humidity	15%~90%RH			
Work pressure	1atm (Standard Atmospheric Pressure) ±10%			
Measured Concentration Range	0-500ppm/0-1000ppm			
Accuracy	±5%F.S@25°C			
Response time(T ₉₀)	≤15s			
Protection level	Ip6x			
Service life	>5 years			