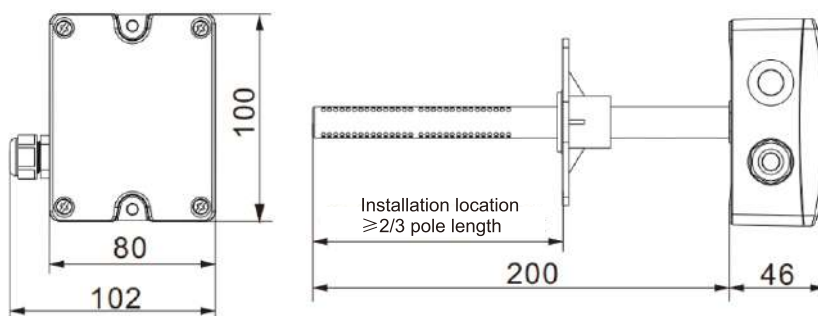


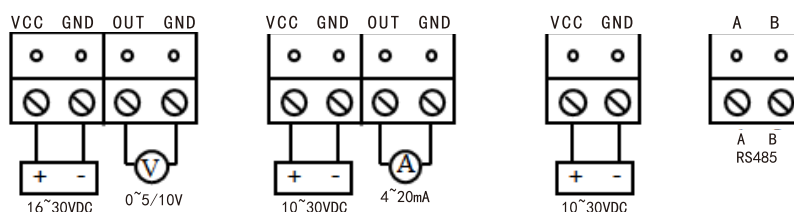
LFG202

Duct Carbon Dioxide Transmitter



WIRING INSTRUCTIONS

Depending on the selection, the wiring methods will be different, The following diagrams show the wiring methods of voltage output, current output, and RS485 output:



Dimension in : mm

LFG202 Duct Carbon Dioxide Transmitter is based on different gases having 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 long life and good stability. The imported high-performance NDIR sensor is used for CO₂ concentration measurement, with rapid response, stable performance and high accuracy; wide power supply range and high protection level of the shell, which can adapt to various harsh conditions on site. It can be widely used in the measurement of CO₂ concentration in ducts, offices, factory workshops, laboratories and other environments.

LFG202Series Order Ref NO

LF202 - 1 - V10
A B

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

Specification

General	Value			
Output Mode	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
Sensor	NDIR sensor with ABC self-calibration			
Average Current	<40mA			
Working Temperature	0°C~50°C			
Working Humidity	0-85%RH(no frost)			
Measure Concentration	0-2000PPM/0-5000PPM			
Accuracy	±(40PPm+ 3%MV)ppm			
Response Time	2min			
Protection Class	shellIP65/Probe IP30			
Electromagnetic Compatibility	EN 61326-1			
Service Life	>5 years			