

Features

- With temperature compensation, high linearity
- The sensor has no oxygen dependence and has a long service life
- Adopt imported infrared light source and dual-channel thermopile detector
- The double-layer waterproof membrane design effectively prevents water vapor from entering, and the sensing element is not poisonous



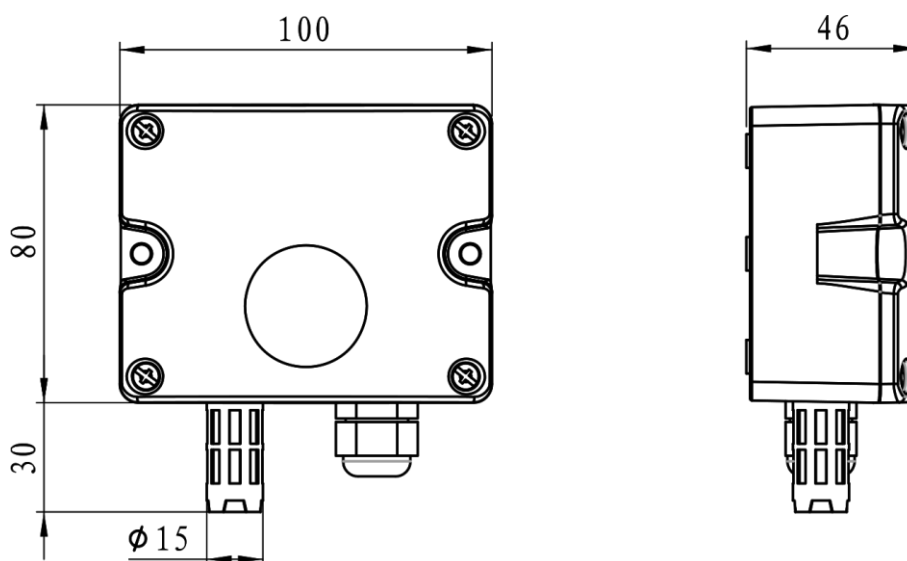
Description

The LFG series CO2 transmitter is based on the different absorption capabilities of different gases for specific wavelengths of infrared light. 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. Suitable for indoor air quality testing, air conditioners, air purifiers, vegetable greenhouses and other occasions precision gas measurement and control.

Specification

Working Voltage	10-30Vdc (0-10V output requires 16-30VDC power supply)
Output Mode	4-20Ma,0-5v,0-10v,RS485
Working temperature	-10℃~50℃
Working humidity	0-80%RH,No condensation
Measure concentration	0-2000ppm, 0-5000ppm, 0-10000ppm
Accuracy	±40PPm+3%Fs@25℃
Preheat time	2min(Available)-10min(reach the maximum accuracy)
Protection Grade	IP6X
Lifespan	>5years

Dimension in:mm





Selection instructions

Code and description		Remark
LFG201	Carbon dioxide transmitter	Model
	B	Sensor
		Dual channel sensor
	1	2000ppm
	2	5000ppm
	3	10000ppm
	V0	0~5V
	V10	0~10V
	A4	4~20mA
	RS	RS485/Modbus
LFG201- B - 2 - A4		Example