NEO WAVE®

TxCDW

Wall Mounted CO2 monitor

OverView:

The NEOWAVE TxCDW wall-mounted carbon dioxide transmitter works by using infrared light to measure the concentration of carbon dioxide gas in the air. It's designed for indoor air quality testing, air conditioners, air purifiers, and even vegetable greenhouses. Unlike electrochemical sensors, it has a longer lifespan, stable performance, and can handle a wide range of power supplies, with protection against reverse connection.

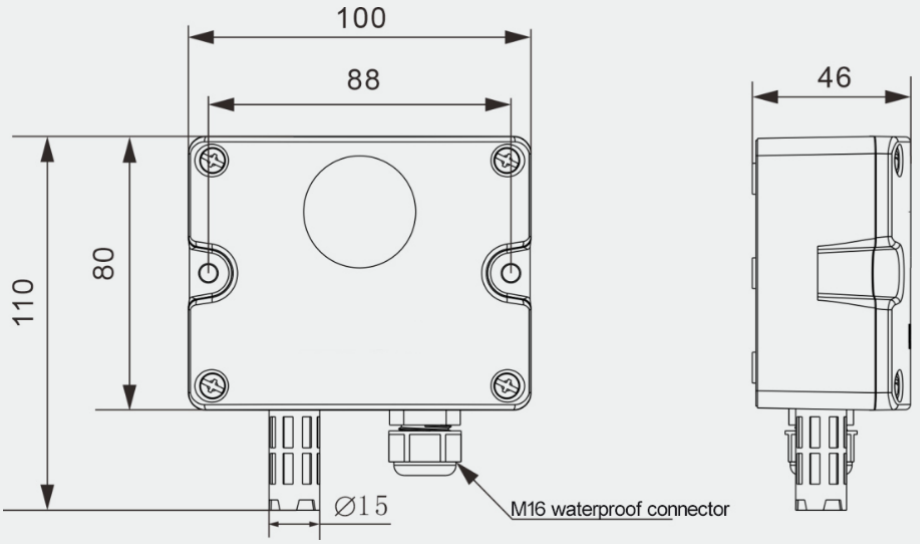
Feature:

- Utilizes imported infrared light source and dual-channel thermopile detector
- Oxygen-free sensor ensures a lifespan exceeding 5 years
- Demonstrates long-term stability and reliability
- Features a double-layer waterproof membrane design to prevent water vapor ingress

Application:

The CO2 transmitter displays the concentration of carbon dioxide (CO2) in the surrounding air, serving as an indicator of air quality. It finds widespread use in HVAC systems and construction projects. Additionally, it is employed for measuring carbon dioxide levels in indoor air quality monitoring, air conditioning units, air purifiers, vegetable greenhouses, and various other settings.

Dimensions:



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Specification:

NEOWAVE Wall Mounted CO2 monitor transmitter TxCDW

Output	4-20V	0-5V	0-10V	RS485
Working Voltage	10-30 VDC	10-30 VDC	16-30 VDC	10-30VDC
Working Temperature	-10°C~50°C			
Working Voltage	0-80%RH			
Measure concentration	0-2000ppm, 0-5000ppm, 0-10000ppm			
Accuracy	±(40PPm+3%F.S.)@25 C			
Protection Class	IP6X			

Wiring GUIDE:

RS485 digital output

Power Supply	Red	Power positive
	Black	Power negative
Communication	Green	485-A
	White	485-B

Voltage/current analog output

Power Supply	Red	Power positive
	Black	Power negative
Communication	Green	Voltage/current output positive
	White	Voltage/current output negative

Order Informations:

TxCDW	Code and description		Remark
	Wall Mounted CO2 monitor		Model
	2	2000ppm	Measure Range
	5	5000ppm	
	10	10000ppm	
	V5	0~5V	Output
	v10	0~10V	
	A	4~20mA	
	RS	RS485/Modbus	

For technical support please contact: support@neowave.tech