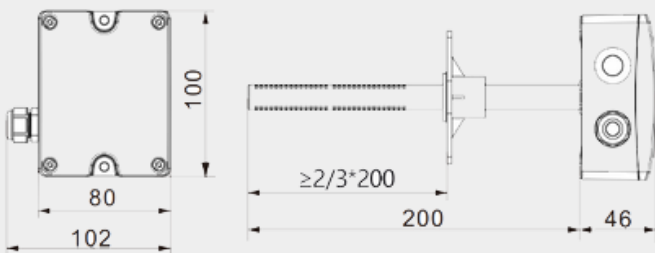




Overview:

NEOWAVE TxCDD ducted carbon dioxide transmitter works by detecting how different gases absorb infrared light. It measures the concentration of carbon dioxide in the air by analyzing this absorption. Unlike electrochemical sensors, it lasts a long time and stays stable. It uses a high-performance NDIR sensor to measure CO₂ levels accurately and quickly. It's versatile, with a wide power range and high enclosure protection, making it suitable for tough conditions. It's great for measuring CO₂ levels in pipelines, offices, factories, labs, and more.

Dimensions:



Feature:

- Utilizes an imported high-performance NDIR sensor for precise measurements
- Features oxygen-free dependency with a service life exceeding 5 years
- Equipped with an internal waterproof and breathable membrane to prevent water vapor ingress
- Ensures good long-term stability and reliability, with ABC self-calibration functionality

TxCDD



Application:

The CO₂ transmitter is utilized to monitor carbon dioxide (CO₂) levels in the surrounding air, serving as an indicator of air quality. It finds frequent application in HVAC systems and construction sectors. Additionally, it is extensively employed for measuring CO₂ concentration across various environments such as pipelines, offices, factory workshops, and laboratories.



NEO WAVE®

NEOWAVE Ducted CO2 monitor TxCDD

Specification:

Sensor	NDIR sensor		
Average Current	< 40mA		
Working Temperature	0-50 C		
Working Humidity	0-50 C		
Measure Range	0-2000PPM, 0-5000PPM		
Accuracy	+ - (40PPM +3%MV)PPM		
Response Time	2min		
Protection Class	Shell IP65, Probe IP30		
Output	4-20mA	0-5V	0-10V RS485
Working Voltage	10-30VDC	10-30VDC	16-30VDC 10-30VDC

Ordering Information:

TxCDD	Code and description	Remark
	Ducted CO2 monitor	Model
2	2000ppm	Measure Range
5	5000ppm	
	5V 0-5V	Output
	10V 0-10V	
	A 4-20mA	
	RS RS485	