



NEOWAVE®

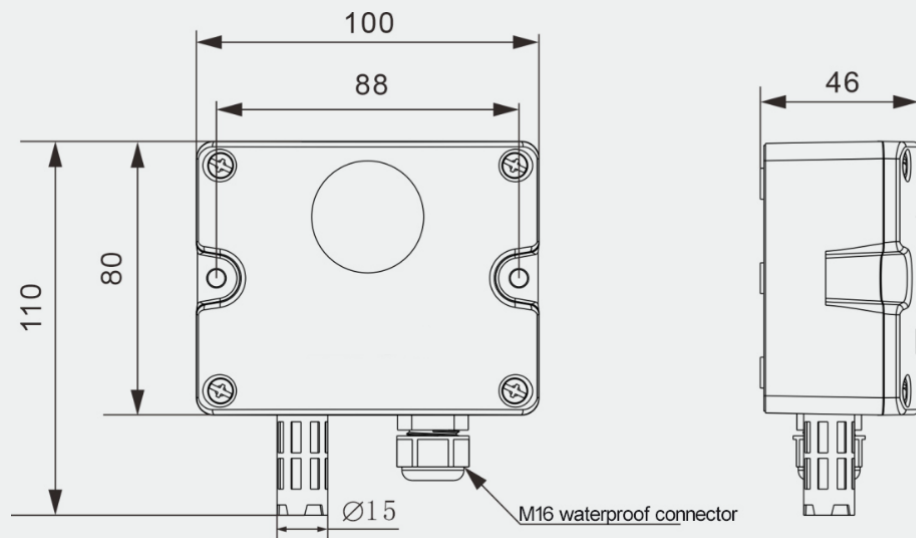
Overview:

The NEOWAVE TxCO carbon monoxide transducer, designed for wall-mounting, employs an electrochemical method to detect carbon monoxide in the air, ensuring selectivity and stability. It offers three output options: current, voltage, and RS485. With a wide voltage power supply and protection against reverse polarity, it's ideal for monitoring carbon monoxide in indoor spaces, air conditioners, air purifiers, and underground parking lots.

Application:

Monitoring indoor air quality is crucial, considering the various factors that can affect it, including contaminants, particles, and gases. Carbon monoxide, known as a silent threat, has led to numerous emergency room visits annually due to exposure. The product utilizes a mature electrochemical detection principle and advanced circuit design to address these concerns. In facility management, supervisors must track essential elements to maintain operations and ensure a safe environment. This is especially vital in industrial settings, where air quality is a key consideration for worker health and safety.

Dimensions:



TxCOW



Feature:

- High linearity sensor ensures precise and reliable stability.
- Excellent repeatability with a service life exceeding 5 years.
- Optional output signals with protection against reverse power connection.
- Dual-layer waterproof membrane design effectively prevents water vapor ingress, and the sensing element is non-toxic.



NEO WAVE®

Specification:

NEOWAVE Wall Mounted CO monitor transmitter TxCOW

Output	4-20V	0-5V	0-10V	RS485
Working Voltage	10-30 VDC	10-30 VDC	16-30 VDC	10-30VDC
Working Temperature	-15°C~90°C			
Working Humidity	0-80%RH			
Working Pressure	1atm (Standard Atmospheric Pressure) ±10%			
Measure concentration	0-500ppm/0-1000ppm			
Responses Time	≤15s			
IP Level	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:

TxCOW	Code and description	Remark
	Wall mounted electrochemical CO sensor	Model
1	500ppm	Measure Range
2	1000ppm	
	V5	Output
	v10	
	A	
	RS	