

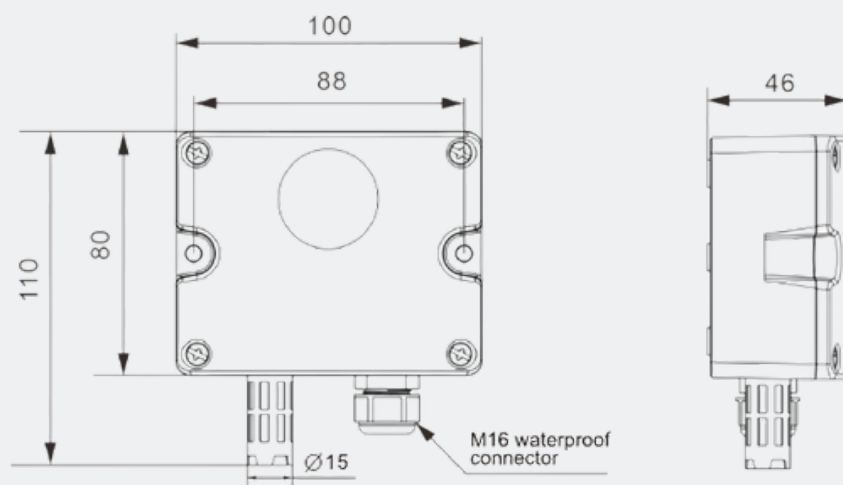
Overview

The **TxCOW31** Wall-mounted Carbon Monoxide Sensor uses electrochemical technology to detect CO in the air, offering high selectivity and stability. It features three output options: current, voltage, and RS485, with wide voltage input and reverse polarity protection

Features

- High accuracy & stability with excellent linearity
- Long lifespan (>5 years) and reliable repeatability
- Multiple output options (current, voltage, RS485)
- Reverse polarity protection for safe power supply
- Waterproof design with double-layer membrane to resist moisture

Dimensions



TxCOW31

Wall-mounted Carbon Monoxide Sensor



Applications

- Indoor air quality monitoring
- HVAC systems
- Air purifiers
- Underground parking garages

Specifications

Wall-mounted Carbon Monoxide Sensor

Output	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
Working Temperature	-10~50°C			
Working Humidity	15%~90%RH			
Work Pressure	1atm(Standard Atmospheric Pressure)±10%			
Range	0-500ppm/0-1000ppm			
Accuracy	±5%F. S@25°C			
Response Time (T ₉₀)	≤15s			
IP grade	IP6x			
Service Life	>5year			

Wiring Guide

RS485 digital output type wiring

power supply	red	positive Power
	black	negative power
communication	green	485-A
	white	485-B

Voltage/Current Analog Output Type Wiring

power supply	red	positive Power
	black	negative power
communication	green	Voltage/Current Output Positive
	white	Voltage/Current Output negative

Selection Code:

Code and description		Remark
TxCOW31	Wall-mounted Carbon Monoxide Sensor	Model
1	500ppm	Range
2	1000ppm	
V5	0-5V	Output
V10	0-10V	
A	4~20mA	
RS	RS485/Modbus	