## KC-WCO-101 Wall-mounted Carbon Monoxide Transmitter




### FEATURES

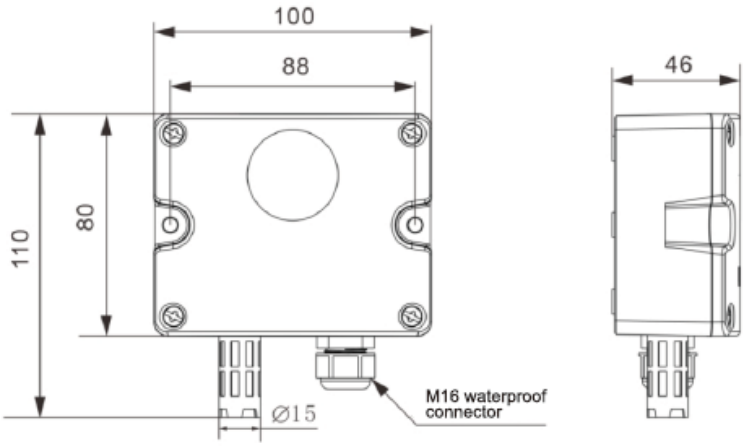
- High linearity sensor provides accurate and reliable stability.
- Good repeatability, service life >5 years.
- Optional output signal, power reverse connection protection.
- Double-layer waterproof membrane design, prevent moisture entering.

**DESCRIPTION:**
KC-WOC-101 Wall-mounted Carbon Monoxide Transmitter uses electrochemical principle to detect carbon monoxide in the air, with good selectivity. Three output modes of current, voltage and RS485 are optional, wide voltage power supply and power supply anti-reverse connection protection. It is suitable for carbon monoxide gas monitoring in indoor air quality detection, air conditioners, air purifiers, underground parking lots and other occasions.

### SPECIFICATION

| **Output** | **4~20mA (3 wire)** | **0~5V (3 wire)** | **0~10V (3 wire)** | RS485 (4-wire) |
|---|---|---|---|---|
| **Working voltage** | 10-30Vdc | 10-30 Vdc | 16-30 Vdc | 10-30 Vdc |
| **Working Temperature** | -10~50°C | | | |
| **Working humidity** | 15%~90%RH | | | |
| **Working pressure** | 1atm(Standard Atmospheric Pressure)±10% | | | |
| **Measured concentration** | 0-500ppm/0-1000ppm | | | |
| **Accuracy** | ±5%F, S@25°C | | | |
| **Response time (T90)** | ≤15s | | | |
| **IP grade** | IP6x | | | |
| **Service Life** | >5year | | | |

### DIMENSION (MM)



**WIRING INSTRUCTIONS**

| 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 |

**ORDER REF NO.**

| Code and Definition | | | Description |
|---|---|---|---|
| KC-WCO-101 | Wall Mounted Carbon Monoxide Transmitter | | Model |
| | 1 | 500ppm | Range |
| | 2 | 1000ppm | |
| | | V0 0-5V | Output |
| | | V10 0-10V | |
| | | A4 4-20mA | |
| | | RS RS485/Modbus | |
| KC-WCO-101 - | 1 - | A4 | Model Example |