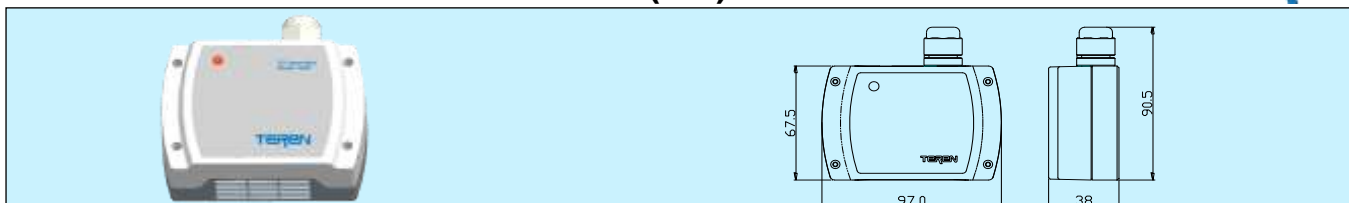


CMW Wall Mount Carbon Monoxide (CO) Transmitter

TEREN



Applications & Features

- It's necessary to control the ventilation of car park and vehicle maintenance and test workshop according to many building HVAC regulations. Considering of energy efficiency, demand controlled ventilation (DCV) is recommended. It is designed for the applications which can effectively control the ventilation to safety and energy saving operations
- Better than most other sensors with 1~3 years life span, it gives more than 7~10 years life span to protect customer's long term investment
- Better than most other sensors which may need recalibration every 6~12 months, it only need periodical recalibration as long as 3~5 years or more, maintaining 5% accuracy
- Digital technology applied, multiple outputs and ranges selections, over voltage and reverse polarity protection, high reliability and anti-interference capability
- LED working status indication, with IP33 protection housing

Specifications

Sensor: Electrochemical, with min. 7~10 years life span

Range: 0~100ppm, or others

Accuracy: $\pm 5\%$ FS

Sampling Methods: Diffusion

Response Time: <60 s

Warm up time: <2 mins

Output Load: <500 Ω (current), >2k Ω (voltage)

Power: Current: 21~35VDC(RL=500 Ω), 15~35VDC(RL=100 Ω)

Voltage: 16~28VAC/16~35VDC

Output: 4~20mA (2 wires), 0~10VDC or RS485/Modbus

Work environment: 0~50°C, 0~90%RH (Non- cond.)

Storage temperature: -5~55°C

Housing: fire retardant ABS+PC(UL94V-0)

Protection: IP33

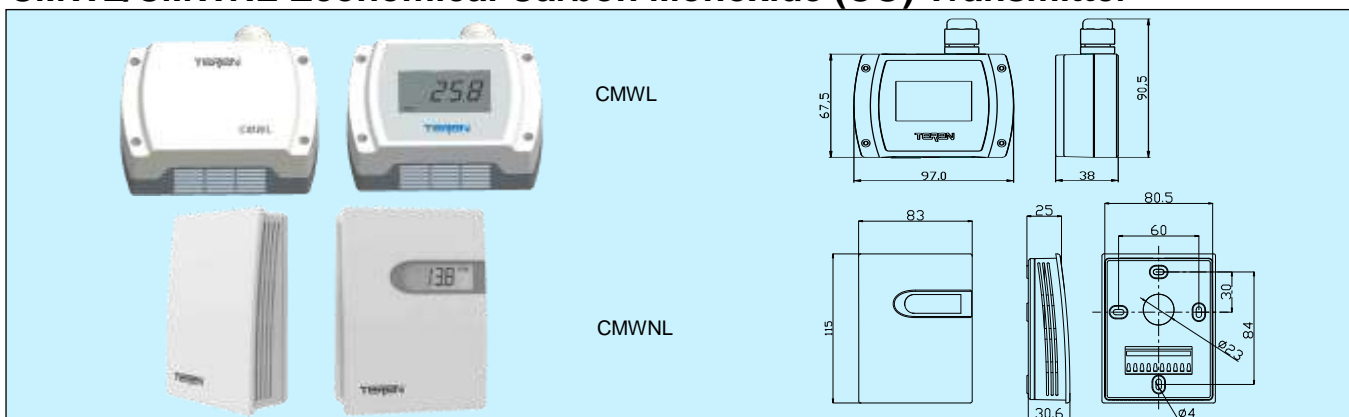
Weight: 150g

Approval: CE

Models

Model	CMW		Wall Mount CO Transmitter
Output		1	0~10VDC(3 wires)
		2	4~20mA(2 wires)
		8	RS-485/Modbus
Range		0	0~100ppm
		1	0~200ppm
		2	0~400ppm

CMWL/CMWNL Economical Carbon Monoxide (CO) Transmitter



Applications & Features

- It's necessary to control the ventilation of car park and vehicle maintenance and test workshop according to many building HVAC regulations. Considering of energy efficiency, demand controlled ventilation (DCV) is recommended. It is designed for the applications which can effectively control the ventilation to safety and energy saving operations
- Electrochemical sensor has more than 5 years life span, with long-term stable performance and low drift, only need periodical recalibration every 12 months
- Digital technology applied, multiple ranges and outputs optional, over voltage and reverse polarity protection, high reliability and anti-interference capability
- Different housings meet different installation. CMWL is for wall mount, while CMWNL is for general room application

Specifications

CO sensor: Electrochemical, >5 years life span

Sampling Method: Diffusion

Range: 0~100ppm or 0~300ppm

Accuracy: $\pm 5\%$ FS@25°C, typical $\pm 10\%$ FS@5~50°C

Repeatability: < $\pm 3\%$ FS

Stability: < $\pm 5\%$ /year@0-100ppm, < $\pm 10\%$ /year@0-300ppm

Response time (T90): <60s

Warm-up time: <1 min

Load Resistance: $\leq 500\Omega$ (current output), $\geq 2k\Omega$ (voltage output)

Power: Current: 18.5~35VDC(RL=500 Ω), 8.5~35VDC(RL=0 Ω)

Voltage: 16~28VAC/16~35VDC

Output: 4~20mA (2 wires), 0-10VDC, RS485/Modbus

Work environment: 5~50°C(continuous), 15~90%RH(Non- cond.)

Storage Temperature: -10~55°C

Housing: fire retardant PC(UL94V-0)(CMWNL),
fire retardant ABS+PC(UL94V-0)(CMWL)

Protection: IP33 (CMWL), IP30 (CMWNL)

Weight: 190g (CMWL), 160g(CMWNL)

Agency Approval: CE

Models

Model	CMWL	CMWNL		Wall mount CO transmitter	Room CO transmitter
Output			1		0~10VDC(3 wires)
			2		4~20mA(2 wires)
			8		RS485/Modbus
Range			0		0~100ppm
			1		0~300ppm
Display			0		N/A
			1		LCD