

WALL MOUNTED CARBON MONOXIDE TRANSMITTER

⚙ Application :

Omicron carbon Monoxide transmitters are designed for environment monitoring and controlling in industrial and commercial buildings. These transmitters can be used for:

- Air monitoring of supply, exhaust and return air
- Air monitoring in critical environment such as outside air
- Other applications of combustion measurement



⚙ Special Features :

- High performance semiconductor sensors and circuits, ensure accurate measurement and temperature compensation
- Good long term stability and reliability
- 15 Years Sensor Life
- Fast response
- Digital technology applied, multiple output optional, over voltage and reverse polarity protection, high reliability and interference
- Fast Response
- High protection rate up to IP65

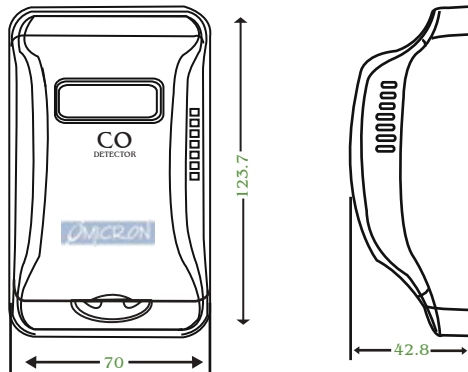
⚙ Performance Specifications:

Carbon Monoxide Transmitter

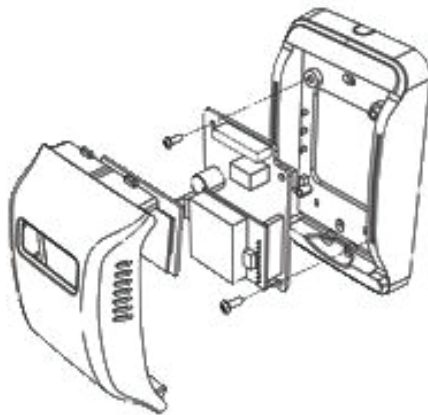
Sensor	: Digital Semiconductor
Range	: 0~100/250/300 ppm (Jumper Settable)
Output	: 4~20mA / 2~10VDC; Jumper Settable
Communication	: Optional Modbus RS485 RTU
Accuracy	: $\pm 5\%$ of F.S
Hysteresis	: $< \pm 1\%$ of F.S
Response time	: < 60 seconds; T_{90} in 45 seconds
Sampling Time	: 1s
Drift	: $< \pm 1\%$ of F.S
Power	: 24V AC / DC
Output Load	: 500Ω (current), $> 2K\Omega$ (voltage)
Op. Temperature	: $-10 \sim 50^{\circ} \text{C}$
Storage Temperature	: $-30 \sim 60^{\circ} \text{C}$
Housing	: Fireproof ABS Enclosure; UL94V0
Display	: Optional LCD Display
Area Of Coverage	: 750 m^2 (optionally available upto 1500 m^2)
Agency Approval	: CE
Calibration Protocol	: COML

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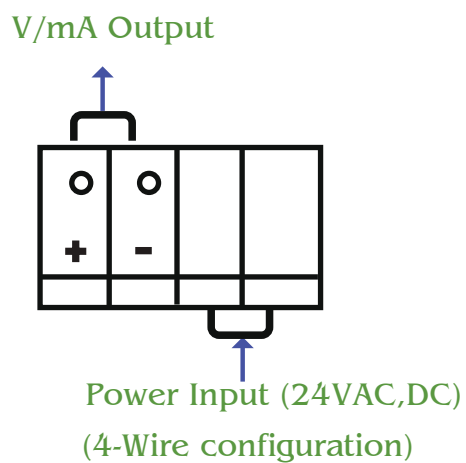
⚙ Dimensions (unit : mm):



⚙ Assembly:



⚙ Wiring Method :

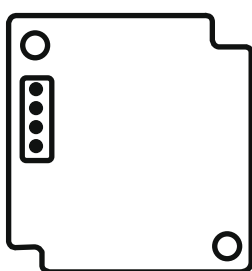


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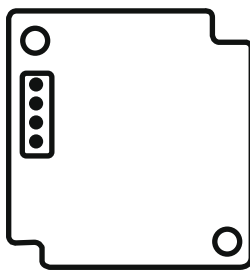
⚙️ Output Selection Method :

Voltage - (V) / Current - (I)

[J7] CO Range Selection Method



J1
 I-output
 V-output



J7
 (or ) 0-250ppm
 0-100ppm
 0-300ppm
 Closed (Jumper)

HOW TO ORDER

⚙️ Basic Model:

CMW

CO Transmitter

⚙️ Accuracy :

1

1

±5%

2

±3%

⚙️ Output :

00

00

Analog Output
(4-20mA / 2-10VDC)

00M

Modbus RS485RTU

⚙️ Display :

0

-

Without Display

L

LCD Display

Ordering Example : CMW100



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