

WALL MOUNTED CARBON DIOXIDE TRANSMITTER

Applications:

Omicron carbon Dioxide 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



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 capability
- * Fast Response

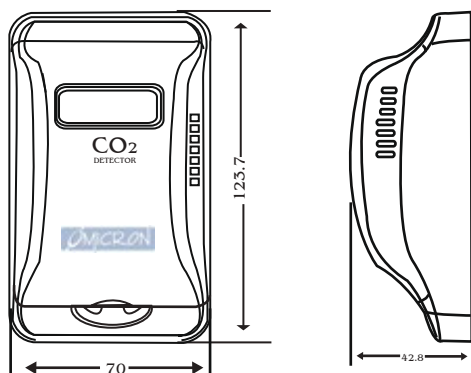
Specifications:

Carbon Dioxide Transmitter

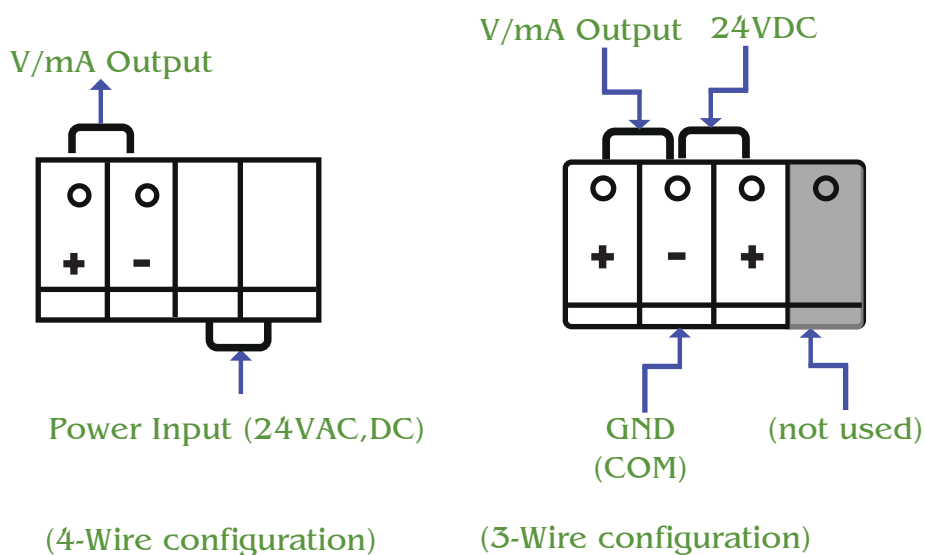
Sensor	:	NDIR		
Range	:	0~2000 ppm		
Output	:	4~20mA	0~20mA	
		2~10VDC	0~10 VDC	(Dip Switch Settable)
Communication	:	Optional Modbus RS485 RTU		
Accuracy	:	±5% of F.S	(Optionally available for ±3%)	
Hysteresis	:	<±1 % of F.S		
Response time	:	<10s (25°C,in slow air)		
Sampling Time	:	1s		
Drift	:	<±0.5% of F.S		
Power	:	24 VAC (4 wires) / 24 VDC (3 wires or 4 wires)		
Output Load	:	500 (current), >2K (voltage)		
Temperature Limit	:	-20~80°C		
Storage Temperature	:	-40~100°C		
Housing	:	Fireproof ABS Enclosure		
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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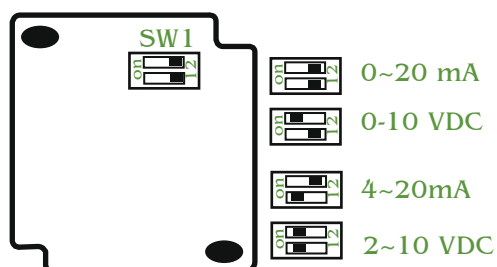
⚙ Dimensions (unit : mm):



⚙ Wiring Method :



⚙ V/mA output Selection Method(SW1) :



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HOW TO ORDER

⚙️ **Basic Model:** CDW

CDW

⚙️ **Accuracy:** 1

1

±5%

2

±3%

⚙️ **Output:** 00

00

Analog Output
(0-20mA / 4-20mA / 2-10VDC/ 0-10VDC)

00M

Modbus RS485RTU

⚙️ **Display:** L

L

LCD Display

-

- No Display

Ordering Example : CDW100