

Duct 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 NDIR 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
- High protection rate up to IP65

Specifications:

Carbon Dioxide Transmitter

Sensor	: Digital NDIR
Range	: 0~2000 ppm
Output	: 4~20mA(2 wires), 0~10VDC(3 wires)
Accuracy	: $\pm 5\%$
Hysteresis	: $< \pm 1\%RH$
Response time	: $< 10s(25^{\circ}C, \text{in slow air})$
Drift	: $< \pm 0.5\%RH/\text{year}$
LCD	: Optional
Power	: 24VDC
Output Load	: 500Ω (current), $> 2K\Omega$ (voltage)
Temperature Limit	: $-20 \sim 80^{\circ}C$
Storage Temperature	: $-40 \sim 100^{\circ}C$
Housing	: Fireproof ABS Enclosure
Protection	: IP65

