

CDW and CDD Carbon Dioxide (CO₂) Transmitter



Application

CDW and CDD carbon dioxide transmitters are designed for monitoring and controlling environment of industry and commercial buildings. They can be used in working house, clean room, laboratory, machine room, office, airport, parking lot, station and museum, etc. where air quality control is necessary. CDW is for wall mount and CDD is for duct mount.

Features

- High performance NDIR digital sensor and circuit, ensure precise measurement and temperature compensation
- Stable and reliable
- 15 years sensor life and maintenance-free
- Fast response
- Light and state of art housing
- Optional output selection

Specifications

Sensor: NDIR Sensor, with ABC calibrate function and active

gas diffusing

Accuracy: See in models selection

Response time: <10s (30cc/min, low flow gas)

Drift: <±10ppm/year

Range: 0~2000ppm or others

Output: 4~20mA/0~10V or RS485

Relay output: SPDT relay, 1A/30VDC,0.5A/125VAC

Power supply: 24VAC/DC±10%

Load resistance: 500Ω (Current output)

Display: LCD Display (optional)

Display accuracy and resolution: 1ppm

Working environment: 0~50℃, 0-95%RH(Non-condensing)

Storage temperature: -20~80℃

Housing: ABS

Protection: IP30 (CDW), IP65 (CDD)

Optional LCD display: LCD display panel could be ordered and installed in field separately (CDW). See details on MMI product.

Optional MMI operation panel: Including LCD, integrated with function keys, can be ordered and installed in field separately(CDW). See details on MMI product.

Models:

Code	Specifications
CDW	Wall mount CO ₂ Transmitter
CDD	Duct mount CO ₂ Transmitter

Code	Accuracy
0	(75+reading 5%) ppm
1	(30+reading 5%) ppm

Code	Output
0	4-20mA/0-10VDC
8	RS485, Modbus

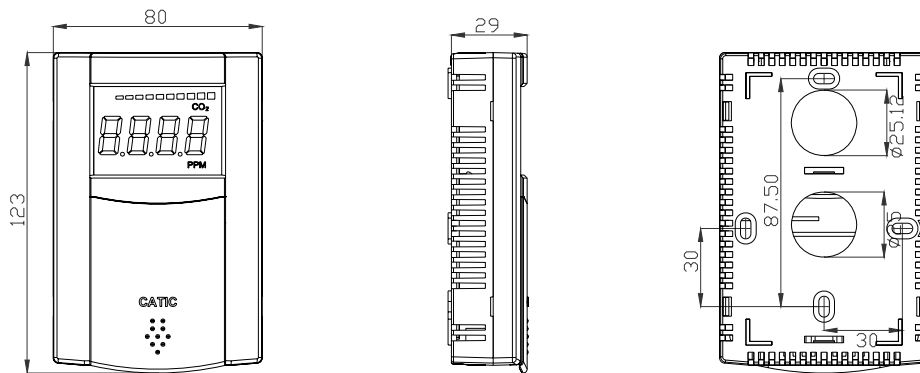
Code	Range
0	0-2000ppm
1	Others

Code	Relay output
0	No
1	1*SPDT

Code	LCD Display(CDW)
0	No
1	Yes

Dimension (mm)

CDW



CDD

