

HVAC CONTROL PRODUCTS

Sensors

Carbon Dioxide

CD-Pxx

Duct Mount

The CD-Pxx series duct mount CO₂ sensors feature a carbon Dioxide (CO₂) transmitter for measuring and transmitting CO₂ levels, ranging from 0 to 2,000 parts per million (ppm), within Heating Ventilating and Air Conditioning (HVAC) CO₂ applications.

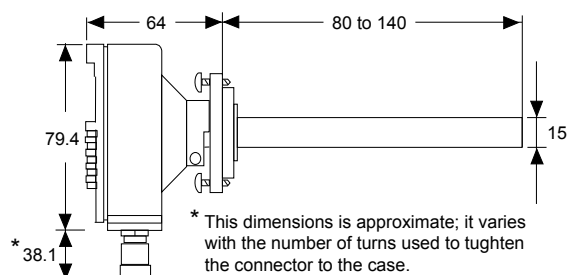
Specific HVAC CO₂ applications include Demand Control Ventilation (DCV), fresh air and indoor Air Quality (IAQ), and rooftop air handling economizer controls system.

The device produce 0 to 10 V (default) 0 to 20 mA or 4 to 20 mA signal.



Features

- Power supply: 20 to 30 VAC (18 to 30 VDC), class 2
- Response time (0 to 63%): 1 minute
- Accuracy at 25 °C: ± 30 ppm + 2.0% of reading
- Operating temperature range: -5 to 45 °C
- Humidity range: 0 to 85%



Dimensions in mm

Ordering Codes	Description
CD-P00-00-0	Duct mount CO ₂ transmitter
CD-PR0-00-0	Duct mount CO ₂ transmitter with relay

Replacement Parts

Ordering Codes	Description
ACC-CD-R	Relay output module for use in CD-P00-00-0 or CD-PR0-00-0
ACC-CD-CFK1	Conduit adaptor kit

Accessories

Ordering Codes	Description
ACC-CD-S	Relay setpoint software kit; includes software and interface cable to reset the on and off relay setpoints for CD-PR0-00-0