



Carbon Dioxide Transmitter

NDIR CO₂ Sensor with Universal Outputs in an Industrial Housing

Models Select Chart

Model	Description
CDWP-05H-C1	Industrial CO2 Transmitter, 0-5000 PPM range, hang mount, with 1-6 mm cable gland
CDWP-05H-C5	Industrial CO2 Transmitter, 0-5000 PPM range, hang mount, with 5-10 mm cable gland
CDWP-05W-C1	Industrial CO2 Transmitter, 0-5000 PPM range, wall mount, with 1-6 mm cable gland
CDWP-05W-C5	Industrial CO2 Transmitter, 0-5000 PPM range, wall mount, with 5-10 mm cable gland
CDWP-10H-C1	Industrial CO2 Transmitter, 0-10,000 PPM range, hang mount, with 1-6 mm cable gland
CDWP-10H-C5	Industrial CO2 Transmitter, 0-10,000 PPM range, hang mount, with 5-10 mm cable gland
CDWP-10W-C1	Industrial CO2 Transmitter, 0-10,000 PPM range, wall mount, with 1-6 mm cable gland
CDWP-10W-C5	Industrial CO2 Transmitter, 0-10,000 PPM range, wall mount, with 5-10 mm cable gland

Accessories

Model	Description
A-CDWP-H	Hang bracket kit
A-CDWP-L	Replacement lid kit

Specifications:-		
Sensor	:	Single beam, dual-wavelength NDIR.
Range	:	CO ₂ : 0 to 2000, 0 to 5000, or 0 to 10000 ppm (depending on model).
Accuracy	:	CO ₂ : ±40 ppm ±3% of reading.
Temperature Dependence	:	±8 ppm/°C at 1100 ppm.
Non-Linearity	:	16 ppm.
Pressure Dependence	:	0.13% of reading per mm of Hg.
Response Time	:	300 s (T63).
Temperature Limits	:	32 to 122°F (0 to 50°C).
Humidity Limits	:	10 to 95% RH (noncondensing).
Power Requirements	:	16 to 35 VDC or 19 to 28 VAC.
Power Consumption	:	Average: 2 w; Peak: 3.75 w.
Output	:	Current: 4 to 20 mA (max. 500 Ω); Voltage: 0 to 5 VDC or 0 to 10 VDC (min. 500 Ω).
Enclosure Rating	:	IP54.
Mounting Orientation	:	Vertically, with electrical connections points downward.
Weight	:	26.24 oz (744 g).
Agency Approvals	:	CE.