



SPECIFICATIONS

Model	EXL-03003
Temp Range	0-50°C 32-122°F
Analog Output	0-10Vdc 4-20mA
Supply Voltage	18-24 Vac 16-35 Vdc
Accuracy	+/- (50+5%MV) ppm
Temp Compensation	10-40°C 50-104°F
Working Environment	<95%RH
Storage Temp	(-)30-60°C (-)22-140°F
Plenum	UL94V-0
Load Resistance	0-10=2k 4-20=500 Ohms

PART NUMBER:

EXL-03003

FEATURES

- Measures Indoor Air Quality (CO2 Concentration)
- Non-Dispersive Infrared (NDIR) Sensor
- Over voltage and reverse polarity protection
- Range of 0-2000ppm
- 0-10Vdc or 4-20mA
- 15 year sensor life without maintenance
- Automatic Baseline Correction Algorithm (ABC)
- Diffusion Sampling
- Response Time <120s with a minimum of .0011 CFM airflow
- Fire retardant (UL94V-0) if plenum mounted

Application:

Designed for monitoring and controlling indoor air quality using Carbon Dioxide (CO2) concentration.

This sensor is for wall mounting.

Non dispersive infrared sensor technology

Automatic Baseline Correction (ABC), the sensor measures the CO2 concentration during a 24 hour period and automatically adjusts the zero based on the overnight low CO2 measurement.

This sensor is intended for use in a space that is not occupied 24/7; it is during the unoccupied period that the zero adjustment is made.

Electrical terminals are located near the bottom of the sensor for ease of installation.

The sensor life is 15 years without maintenance.

A one year warranty is included.

Drift is <+/- 10ppm per year.

The sensor range is 0-2000 ppm of CO2.

The sensor is 83mm x 115mm, 3.26" x 4.53"

Mounting holes are 60mm x 84mm, 2.36" x 3.31"

