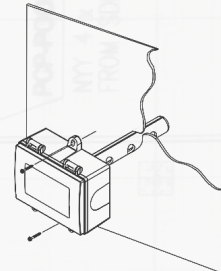


AZC-CD2DT DUCT CARBON DIOXIDE TRANSMITTER

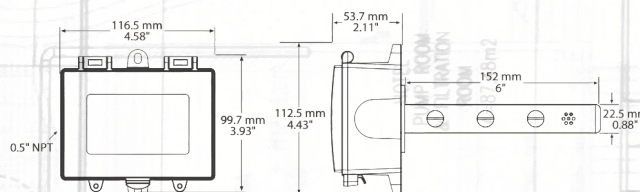
DESCRIPTION

The duct CO₂ transmitter uses a highly accurate and reliable non-dispersive infrared (NDIR) sensor in an attractive enclosure with a gasketed, hinged cover for duct applications to monitor CO₂ levels. The sensor uses dual wavelength optics and LTA (long term adjustment) signal processing technology to deliver industry leading long term accuracy and reliability. These features ensure optimum measurement stability for continual monitoring of either supply or return air measuring. Optional features include a resistive temperature sensor output (with LCD display of temperature in either °C or °F), a control relay with programmable setpoint, hysteresis and time delay, and either a conduit or cable gland connection point.



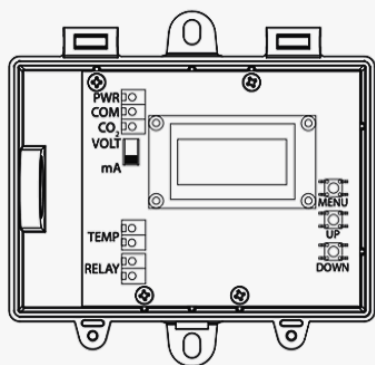
TYPICAL INSTALLATION

For complete installation and wiring details, please refer to the product installation instructions. The duct type sensor installs on the outside of a return air duct with the sampling tube inserted into the duct. Mount the sensor in an easily accessible location in a straight section of duct at least five feet from corners and other items that may cause disturbances in the air flow. Avoid areas with vibrations or rapid temperature changes. The enclosure provides mounting tabs for ease of installation.



WIRING INFORMATION

TERMINAL	FUNCTION
PWR	SUPPLY VOLTAGE
COM	COMMON
CO 2	ANALOG OUTPUT
TEMP	RESISTANCE OUTPUT
RELAY	DIGITAL OUTPUT



ORDERING

PRODUCT	CD2DT	DUCT CARBON DIOXIDE TRANSMITTER
ENCLOSURE	B F	Polycarbonate with hinged and gasketed cover Same as B, with thread adapter (1/2" NPT to M16) and cable gland fitting
OPTIONAL TEMPERATURE SENSOR	XX 02 05 06 07 08 12 13 14 20 24 59	None 100Ω Platinum, IEC 751, 385 Alpha, thin film 1801Ω NTC Thermistor, ±0.2°C 3000Ω NTC Thermistor, ±0.2°C 10,000Ω Type 3, NTC Thermistor, ±0.2°C 2.252KΩ NTC Thermistor, ±0.2°C 1000Ω Platinum, IEC 751, 385 Alpha, thin film 1000Ω Nickel, Class B, DIN 43760 10,000Ω Type 3, NTC Thermistor, ±0.2°C c/w 11,000 shunt resistor 20,000Ω NTC Thermistor, ±0.2°C 10,000Ω Type 2, NTC Thermistor, ±0.2°C 10,000 Ω, 25°C, ±1%, B = 3435 ±1% (25/85)
OPTIONAL RELAY	X R	NONE ADJUSTABLE RELAY
ACCESSORIES	CDD1-CALKIT-GS	Calibration kit (Gas not included) for calibrating CD & CDD series CO ₂ Transmitters

PART NUMBER

CD2DT