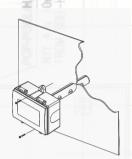


AZC-CD2DT DUCT CARBON DIOXIDE TRANSMITTER

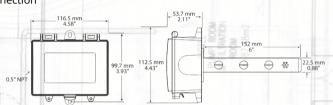
DESCRIPTION

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.



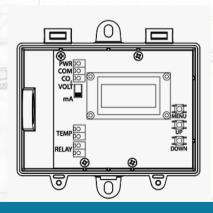
TYPICAL INSTALLATION

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
SALPHI	COM	COMMON
	CO 2	ANALOG OUTPUT
	TEMP	RESISTANCE OUTPUT
	RELAY	DIGITAL OUTPUT



I	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
DAYOU	OPTIONAL TEMPERATURE SENSOR	XX 02 05 06 07 08 12 13 14 20 24 59	None 1000 Platinum, IEC 751, 385 Alpha, thin film 18010 NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 30000 NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 10,0000 Type 3, NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 2.252K Ω NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 2.252K Ω NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 10000 Platinum, IEC 751, 385 Alpha, thin film 10000 Nickel, Class B, DIN 43760 10,0000 Type 3, NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ c/w 11,000 shunt resistor 20,0000 NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 10,0000 Type 2, NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 10,000 Type 2, NTC Thermistor, $\pm 0.2^{\circ}\mathrm{C}$ 10,000 Ω , 25°C, $\pm 1\%$, B = 3435 $\pm 1\%$ (25/85)
	OPTIONAL RELAY	X R	NONE ADJUSTABLE RELAY
	ACCESSORIES	CDD1-CALKIT- GS	Calibration kit (Gas not included) for calibrating CD & CDD series CO2 Transmitters

PART NUMBER

CD2DT