

CD-1300-ST

P/N 10050-1331

Carbon Dioxide Sensor/Transmitter

The CD-1300-ST Sensor/Transmitter is easy to install and maintain. The output signal is 4-20 mA or an optional 0 to 10 volt interface. The isolated power supply eliminates any ground loop or electrical interface problems when multiple units are connected to the same controller. Low power consumption makes the CD-1300-ST suitable for battery-powered applications. Features include a bright 0.4" high LCD display for easy wide-angle readability. For direct control applications the relay can be configured to open or close above the setpoint and is easily adjusted in the field. For ventilation control applications, the ductwork monitoring option is recommended.



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Parameter	Value
Operating principle	Non-dispersive infrared (NDIR)
Gas sampling method	Diffusion or available duct kit
Measurement range	0-2000 or 0-5000 ppm
Repeatability	± 20 ppm
Measurement accuracy	± 5% of reading or 75 ppm, whichever is greater
Warm up	Less than 1 minute
Power requirements	18-30 VDC or 18-28 VAC
Power consumption	Less than 1 watt
Operating temperature range	0-50° Celsius
Operating humidity range	5-95% RH, non-condensing
Voltage output (linear)	0-10 VDC full scale standard. Range field adjustable from 1-10 VDC
Current output (linear)	4-20 mA (Maximum loop resistance: 400 ohms)
LCD display	4 digit, 0.4" high
Alarm relay contact rating	3 amps @ 24 VAC
Case dimensions	5.25 x 3.25 x 1.4 inches (133 x 82 x 35 mm)
Enclosure material	Satin finish, high impact plastic



NOTE: Loss of primary power renders continuous gas monitors inoperative. Contact factory for specifications and pricing for backup battery systems compatible with ENMET monitors.



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Specifications subject to change without notice