

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.



Model CD-1300-ST
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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.



Creative Gas Detection Solutions