



Analog Transmitter with Electrochemical Carbon Monoxide (CO) Sensors

Standard Enclosure	
Dimensions: Size Weight	5.0" X 5.0" X 2.4" (127 mm x 127 mm x 60.96 mm) (dimensions with optional splash guard) 14 ounces (400 g)
Construction	General purpose ABS/Polycarbonate blend
Sensors: Type Life Span	Electrochemical Approximately 6 years (application dependent)
Gases Detected	Carbon Monoxide
Sensor Range	0 – 200 ppm standard. Other ranges available
System Power	3-wire: VDC: 12-30 VDC, 3-Watts 4-wire: VAC: 12-27VAC, 3-VA
Temperature	-20°C to +40°C (-4°F to 104°F), -40°C (-40°F) with LCD heater option
Humidity	15 to 90% non-condensing
Indicators	LCD digital display, back lit
Signal	Current: Linear 4-20 mA (maximum 216 ohm load, wiring plus termination resistor @ 12VDC) Maximum 316 ohm load, wiring plus termination resistor @ 12VAC Voltage: 0-10 Volt, Minimum 1k ohm load
Minimum Detection	0.5 ppm (with regular calibration maintenance of sensor)
Repeatability	< +/- 2% (with regular calibration maintenance of sensor)
Sensitivity drift	<3% change/year in lab air, monthly test (with regular calibration maintenance of sensor)
Response time	<25 seconds t_{90} from 0 to 400 ppm
Warm Up Time	2-minutes after power up (to full operation)
Cross Sensitivity	<0.1% H ₂ S @ 20 ppm, <0.1% NO ₂ @ 10 ppm, <0.1% Cl ₂ @ 10 ppm, <25% NO @ 50 ppm, <0.1% SO ₂ @ 20 ppm, <65% H ₂ @ 400 ppm, <65% C ₂ H ₄ @ 400 ppm, .0.1% NH ₃ @ 20 ppm
Fusing	Automatic resetting thermal overload fuse (reset capabilities to 500 times)
Wiring	VDC or ground referenced VAC, 3-conductor shielded 18 awg stranded VAC 4-conductor shielded 18 awg stranded
Sensor Mounting	Slightly lighter than air, 4' to 6' from floor (typically)
Monitoring Area	7000 to 10,000 sq. ft. (application dependent)
Testing	CE certified
Note	Never install gas detectors in the direct path of moving air.

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