



**The two-wire transmitter provides maintenance-free continuous monitoring for carbon monoxide**

# The ToxyPoint two-wire transmitter provides continuous monitoring for carbon monoxide in ambient air. Engineered with field-proven industrial sensing and instrument technology, the ToxyPoint is maintenance-free.



## User Friendly

- Zero maintenance
- No calibration
- No sensor replacement
- No downtime

## Easy to Install and Operate

- Two-wire, loop-powered
- Fits into standard, single-outlet electrical box

## Inexpensive to Run

- Low initial cost with competitive pricing
- No extra transformer required
- Lower electrical and heating bills with highly accurate electrochemical industrial sensor
- Power consumption only 50 mA

## Security and Reliability

- Automatic full function sensor integrity test performed daily and on activation
- Improved indoor air quality (IAQ) with accurate, reliable detection of carbon monoxide

ToxyPoint is designed to reduce the overall cost of ownership with a lower initial investment, eliminating maintenance costs and minimizing building electrical operating costs. ToxyPoint delivers accurate, reliable protection from carbon monoxide by combining a carbon monoxide detector (0-500 ppm), wide supply voltage range and a linear 4-20 mA output with two factory set alarm levels and two alarm outputs. No extra transformer is required.

### Special Feature

The full function sensor integrity test is a unique safety advantage of the range of equipment. The automatic daily self-test verifies sensor operation and advises the control system if the sensor is defective.

### Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

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### Technical Services

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[www.honeywell.com](http://www.honeywell.com)

General Specifications	
<b>Use</b>	Mount inside a single outlet electrical box to monitor CO within a building to ensure indoor air quality
<b>Size</b>	3.5 x 4.5 x 6.5 cm (1.36 x 1.75 x 2.56 in.)
<b>Weight</b>	38 g (1.34 oz.)
<b>Cover</b>	ToxyPoint aluminum cover mounting plate fits standard single outlet electrical box
<b>Power Supply</b>	50 mA
<b>Supply Voltage</b>	10 to 28 Vdc; (24 Vdc nominal)
<b>Power Consumption</b>	Maximum: 24 mA @ 24 Vdc Nominal: 4 mA @ 24 Vdc Alarm Outputs O/P1 and O/P2: 0.25 A (Max) @ 24 Vdc supply
<b>Monitor</b>	Two-wire, 4-20 mA CO gas transmitter with advanced microcontroller based circuitry
<b>Transmission Ranges</b>	Two-wire Conductor Size      Distance
	22 AWG 0.64 mm      2,045 m      6,712 ft.
	20 AWG 0.75 mm      3,253 m      10,953 ft.
	18 AWG 1.0 mm      5,167 m      16,953 ft.
<b>Temperature Range</b>	0 to 50°C (32 to 122°F)
<b>Measuring Range</b>	0 - 500 ppm
<b>Sensor</b>	Zero-maintenance electrochemical
<b>Humidity</b>	15 to 90% non-condensing
<b>Calibration</b>	Not required
<b>Alarm Outputs</b>	Two (2) trigger field interface(s) (slave relay, fan, strobe, etc.) rated 250 mA at 24 Vdc
<b>Gas Alarms</b>	Two (2) factory set gas alarms: Low (O/P1 - 35 ppm); High (O/P2 - 200 ppm)
<b>Fault Alarm</b>	Activates both low and high alarm outputs
<b>Current Output</b>	Signal output to control system (DDC, PLC etc): normal operation: 4-20 mA linear signal Self-test fail: 2 mA signal Sensor expired: 2 mA signal Over range gas alarm: 24 mA signal (maximum) Power off: 0 mA signal
<b>LED Indicator Advice</b>	Power on: On No power: Off Self-test fail: fast flash (1 flash every 0.5 seconds) Life ending warning: slow flash (1 flash every 2 seconds) (Provides one month warning prior to expiry date) Operational Life Ended: Off
<b>Self-test</b>	On activation (auto) and daily (auto) Verifies sensor integrity and operation
<b>Wire Terminations</b>	Screw type terminals
<b>Warranty</b>	Two (2) year (3 year operational life)
Ratings and Certifications	
<b>Conforms to</b>	Ⓢ Ordinary locations International Electrical Code: IEC No. 61010 U.S. Standard: ANSI/ISA S82.01
<b>EMV/RFI</b>	Complies with EMC Directive 89/336/EEC

### Please Note:

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