

# TOX-NET

## Toxic Gas/Oxygen Transmitter

### Economical gas detection for commercial, residential and light industrial applications

The TOX-NET transmitter is part of the Toxalert detection instruments. This employs electro-chemical sensors to target toxic gas or oxygen concentrations in ambient air. The unique design and flexible interface allows this transmitter to be used with the Toxalert TOX-NET controllers or directly with your own site automation or control systems.

- multiple outputs and communications
- robust metal housing
- wide variety of sensor options

The on-board sensor continuously monitors the ambient air by natural diffusion. The sensor responds proportionally to the gas concentration in the air. A signal is sent to the control panel or system for ventilation and alarms.



Calibration port

Metal sensor housing

Manual test button

External calibration button

# TOX-NET

## Standard Features

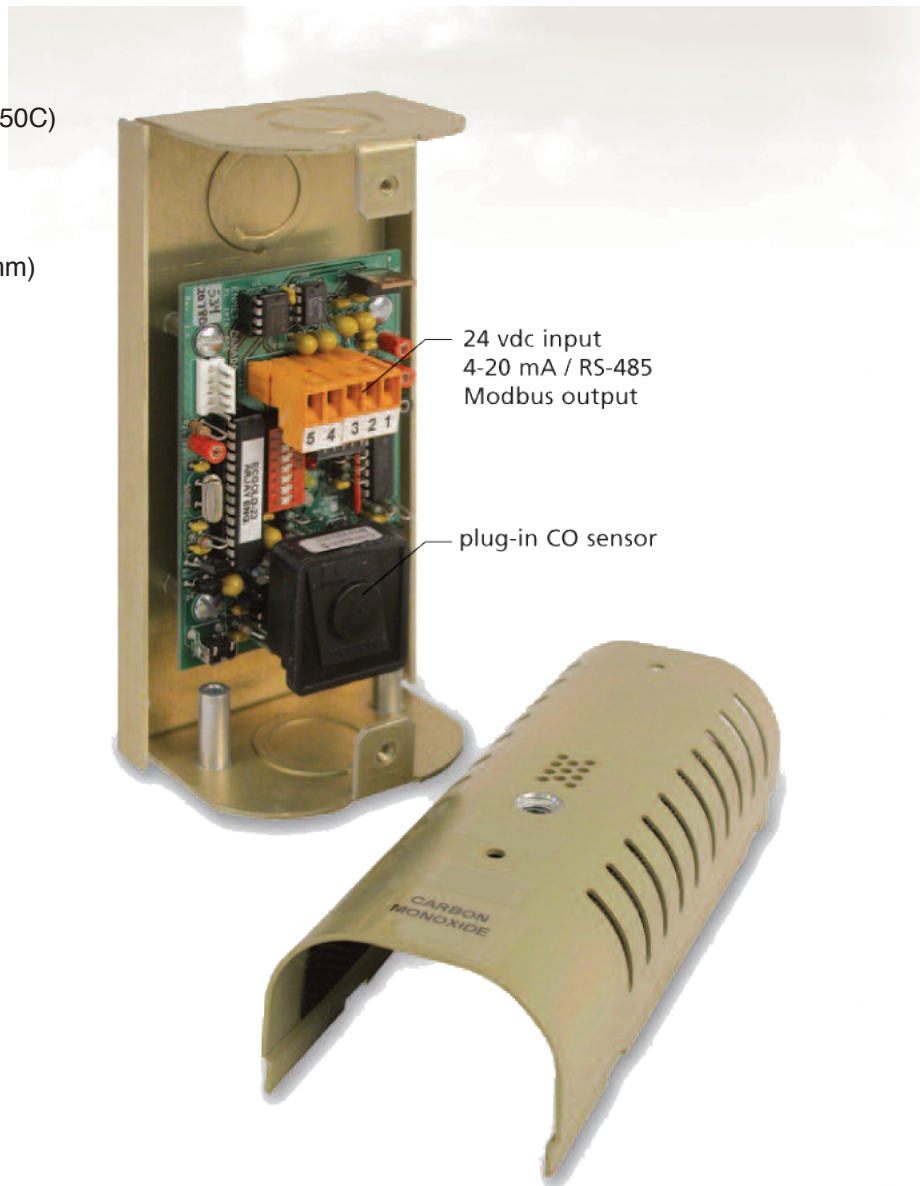
- Plug-in wiring terminal block for quick installation and maintenance
- 1/2" and 3/4" knockouts, top, bottom, and back for easy installation
- LED alarm status indication including flashing fault alarm
- External calibration port for easy application of Test Gas (used with onboard CO sensor)
- Protective aluminum housing with electronics filter screen
- External push button for calibration (the user is not required to open the unit to calibrate)
- Manual Push-To-Test to confirm interlock of fans and alarms

## Technical Specifications

Operating Temperature	-4°F to 122°F (-20C to 50C)
Humidity	90% non-condensing
Enclosure	Nema/Type 1 (IP40), 7 <sup>3</sup> / <sub>4</sub> x 3" x 3" (197mm x 76mm x 76mm)
Mounting	Surface mount
Power Input	14-24 vdc (.1 amp)
Analog Output	4-20 mA, 700 ohms
Communication	RS-485 Modbus
Accuracy	+/-2% of reading

## Typical Gases

CO	carbon monoxide 0-500 ppm (factory shipped 0-200 ppm)
NO <sub>2</sub>	nitrogen dioxide 0-20 ppm
O <sub>2</sub>	oxygen 0-30%



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