

# Toxic Gas Monitor

for General Locations Use

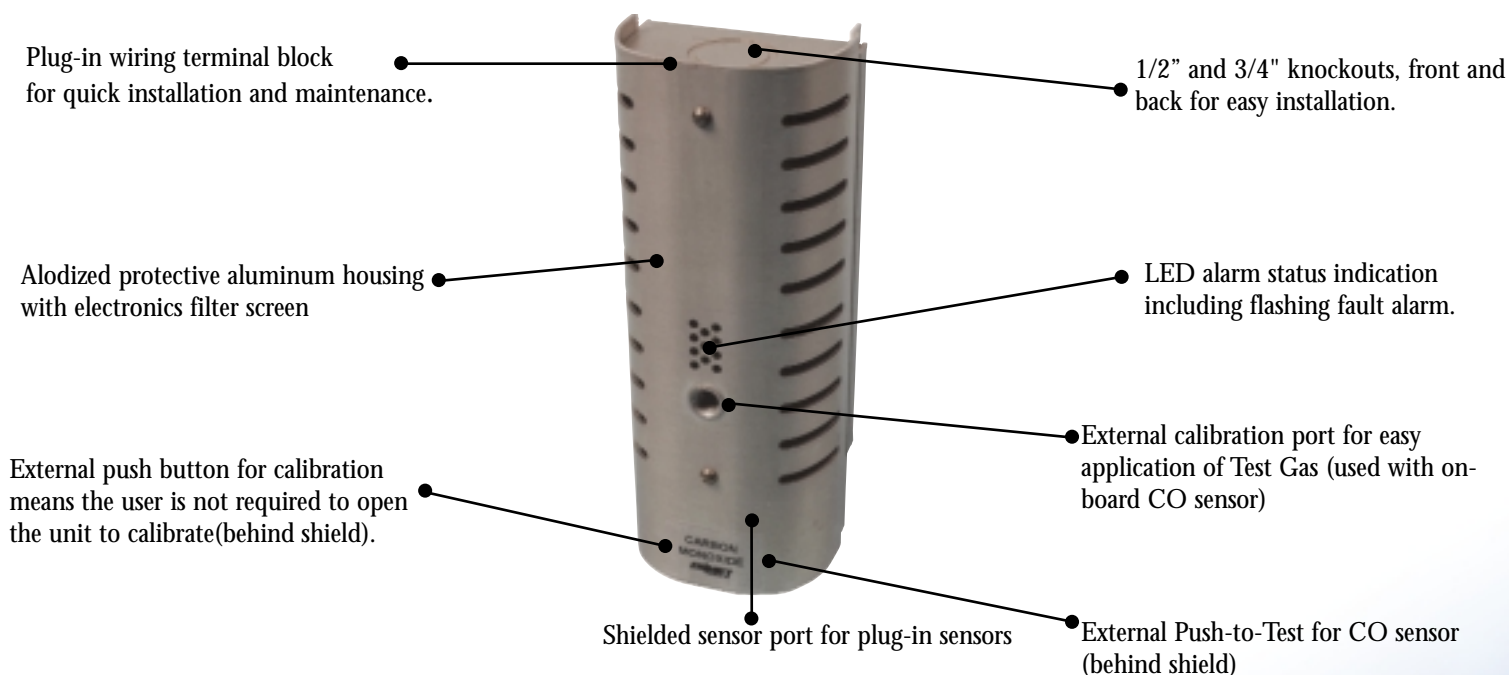
BY **ENMET**

EC-GOLD

The EC-GOLD series of sensor transmitter has been designed specifically for use with the following electrochemical toxic sensors:

carbon monoxide (CO)	0-500 ppm	# E90507
nitrogen dioxide (NO <sub>2</sub> )	0-20 ppm	# E90510
ammonia (NH <sub>3</sub> )	0-100 ppm	# E90526
hydrogen sulfide (H <sub>2</sub> S)	0-100 ppm	# E90527
chlorine (Cl <sub>2</sub> )	0-10 ppm	# E90528

**Electrochemical sensors offer the advantage of selective response to the target gas while minimizing nuisance alarms from interference gases.**



The EC-GOLD may be used as a stand-alone 4-20 mA (or 2-10 vdc) transmitter for use with alarm panels or building automation systems. An optional SPST DC voltage to ground contact is available for activation of remote controls and relays. The EC-Gold can be used in conjunction with any Enmet master control panel (Gas Alert, 2000 CAP Scanner, ISA 66RLU, or Central Control Panel(CCP))

**Plus !** These features are standard with the Carbon Monoxide sensor:

- daily self test using an internal reactive gas to confirm sensor response
- fault acknowledgement on sensor failure or expiration
- manual Push-to-Test by external button to confirm operation
- 3 year sensor life guarantee
- single point calibration

## Specifications

Input Power:	15-24 VDC @ 0.100A max.
Output Signal:	4-20 mA non-isolated or 2-10 vdc proportional RS-485 Modbus to Scanner or third party system VDC threshold signals to Enmet Panels Optional VDC to Ground contact
Operating Temperature:	-20 C to + 50 C
Enclosure:	Type 1, 197mm (7.75") x 76mm (3") x 76mm (3")
Accuracy:	+/- 2% of reading
Humidity:	90% maximum with no condensation

your representative

