

## AMC-VersaTox Series Electrochemical Sensor/Transmitter

The AMC VersaTox Series of electrochemical sensor based toxic gas transmitters delivers much sought after features in an economical, yet highly flexible platform.

Available options include concentration display, an integral alarm relay, and AC power.

With solutions for some of the most commonly monitored toxic gases, the VersaTox transmitter is designed to provide simplified installation, and maintenance. Many versions are eligible for AMC's EZ Cal Sensor Exchange Program, allowing for years of trouble free operation.



### SPECIFICATIONS

**Enclosure:** ABS

**Signal Output:** 4-20 mA Analog

**Supply Voltage:** 12-30 VDC, Optional 12-24 VAC

**Dimensions:** 3.75" Diameter x 2.2" H

**Weight:** 150 g

**Operating Temperature:** -20°C to 50°C (-4°F to 122°F)

**Operating Humidity:** 15-85% Non-Condensing

**Transmitter Warranty:** Two years

**Sensor Warranty:** CO 3 Years; all others 1 Year

**Optional Relay Contact:** SPST 2A @ 30VDC Resistive

### FEATURES

- Eligible for EZ Cal Sensor Exchange Program
- RoHS Compliant
- Optional Concentration Display and/or Relay
- Multiple units can be powered from the same transformer

**BUILT WITH 100% GREEN ELECTRICITY**

| Sensor P/N             | 91AG      | 98AE            | 70AD           | 97AC            | 86AJ            | 88AA           | 95AH            |
|------------------------|-----------|-----------------|----------------|-----------------|-----------------|----------------|-----------------|
| <b>Gas</b>             | CO        | NO <sub>2</sub> | O <sub>2</sub> | CL <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | SO <sub>2</sub> |
| <b>Standard Range</b>  | 0-100 ppm | 0-10 ppm        | 0-25% Vol.     | 0-10 ppm        | 0-100 ppm       | 0-1 ppm        | 0-10 ppm        |
| <b>Life Expectancy</b> | 5 Years   | 2-3 Years       | 12-18 months   | 2-3 years       | >2 years        | 12-18 months   | 18-24 months    |

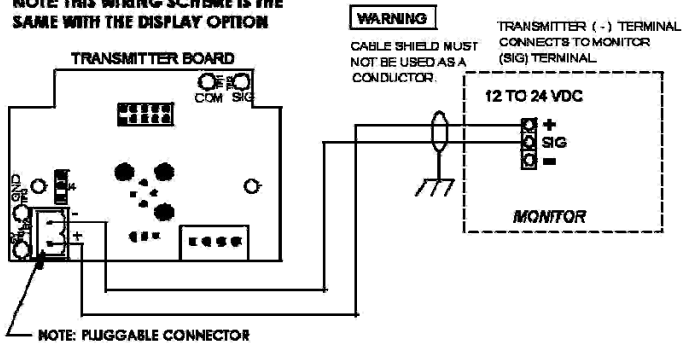


## AMC-VT Series Wiring

### 2 Wire Installation

THE AMC VersaTox HOUSING IS NOT SHOWN FOR CLARITY

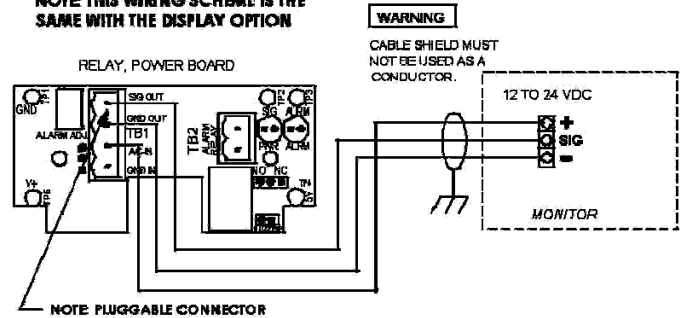
NOTE: THIS WIRING SCHEME IS THE SAME WITH THE DISPLAY OPTION



### 3 Wire Installation

THE AMC VersaTox HOUSING IS NOT SHOWN FOR CLARITY

NOTE: THIS WIRING SCHEME IS THE SAME WITH THE DISPLAY OPTION



## AMC-VT Part Number Matrix

| AMC-VT | Display | Relay/AC Voltage | Enclosure       | Range*       | Sensor Part Number        |
|--------|---------|------------------|-----------------|--------------|---------------------------|
|        | 1 = No  | 1 = No           | 1 = Wall Mount  | A = 0 to 1   | - 91AG (CO)               |
|        | 2 = Yes | 2 = Yes          | 2 = Duct Mount  | B = 0 to 3   | - 98AE (NO <sub>2</sub> ) |
|        |         |                  | 3 = WM PCB only | C = 0 to 10  | - 70AD (O <sub>2</sub> )  |
|        |         |                  | 4 = DM PCB only | D = 0 to 25  | - 97AC (Cl <sub>2</sub> ) |
|        |         |                  |                 | E = 0 to 50  | - 86AJ (NH <sub>3</sub> ) |
|        |         |                  |                 | F = 0 to 100 | - 88AA (O <sub>3</sub> )  |
|        |         |                  |                 | G = 0 to 200 | - 95AH (SO <sub>2</sub> ) |
|        |         |                  |                 | H = 0 to 300 |                           |

\* Please note that only certain ranges are supported for each sensor/gas type. Contact factory for details.

