

## AMC-1800

### Multi Channel Gas Monitor

The AMC 1800 is a fully programmable multi channel gas monitor. Combined with Armstrong's wide selection of gas sensor/transmitters, it provides a versatile and powerful gas monitoring platform.

Standard features include powerful programming capabilities, a digital display, up to 32\* sensor/transmitter inputs, and internal audible alarm.

The unit can be programmed with up to three levels of ascending, descending, or windowed alarm threshold modes. There are up to four dedicated relays per sensor/transmitter input. Each of three alarm levels are programmable with up to 60 minutes of time delay and/or minimum run time per level. Output relays can be programmed energized or de-energized permitting true fail-safe operation and a minimum count value may be activated before the relay is energized to provide voting logic.

#### SPECIFICATIONS

**Inputs:** Up to 32\* x 4-20 mA or MultiDrop Inputs

**Outputs:** 4-20 mA per Channel

**Enclosure:** Nema 4x Fiberglass Reinforced Polyester

**Supply Voltage:** 110 VAC, 60 Hz

**Relay Contacts:** Up to 128 SPDT 6A @ 250 VAC Res.  
max relays, max 4 per channel

**Dimensions: One I/O** 39cm W x 44.5cm H x 19cm D  
(15.4" x 17.5" x 7.7")

**Two+ I/O** 44.5cm W x 49.5cm H x 27cm D  
(17.5" x 19.5" x 10.6")

**Operating Temperature:** -20°C to 40°C (-4°F to 104°F)

**Storage Temperature:** -20°C to 65°C (-4°F to 149°F)

**Monitor Warranty:** Two years

**Keypad:** Internal – Optional Nema 4x External

**Alarm Thresholds:** Up to 3 + Fail per Channel

**Indicators:** Vacuum Fluorescent Alphanumeric

#### BUILT WITH 100% GREEN ELECTRICITY

\* Larger models with up to 64 Inputs are available



#### Features

- 4-20 mA Outputs can be tied back to variable drives and fan motors for significant energy savings over traditional "all or nothing" ventilation strategies

#### User Programmable:

- Activation Delays
- Minimum Run Timers
- Alarm Thresholds

#### Accessories

External Nema 4x Keypad - AMC-EK4

Integral Strobe – AMC-AB110

External Nema 4x Sonalarm – AMC-1800-SA



**AMC-1800 INTERNAL VIEW**

