

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

