armstrong MONITORING

Hazardous Gas Monitoring *Specialists*

AMC-1AVCsv

Combination CO/NO_2 Monitor with VFD Output

The AMC-1AVCsv Gas Monitor provides an all-in-one monitoring package for mixed vehicle applications. Incorporating state of the art sensing technology and micro-controller based design; it provides accuracy, durability, and ease of use within a compact package.

The monitor delivers low cost and versatility, turning even the simplest job into big savings. It incorporates a robust enclosure designed to provide optimal gas flow ensuring optimum response.

SPECIFICATIONS

Sensor Types: Electrochemical
Enclosure: ASA 61 gray enameled 16 gauge steel
Supply Voltage: 120 VAC, 60 Hz
Relay Contacts: Two DPDT 10A @ 250 VAC Res.
max relays, for two thresholds
Calibration: 0-100 ppm CO / 0-10 ppm NO_2
Alarm Points: 25 & 100 ppm CO, 1 & 3 ppm NO_2
Dimensions: 20.32cm H x 20.32cm W x 12.70cm D
(8" x 8" x 5")
Weight: 4.54 kg (10 lb)
Operating Temperature: -20°C to 40°C (-4°F to 104°F)
Monitor Warranty: Two years
Sensor Warranty: 3 years (CO) / 1 year (NO_2)
Typical Sensor Life: 5 years (CO) / 3 years (NO_2)
Indicators (per Gas):
Red LED – **Alarm**
Yellow LED – **Warning**
Green LED

- LED On – **Run**
- LED Flashing – **Fault**
- LED Off – **Off**

Typical Coverage Area: 7500 sq. ft.
Recommended Mounting Height: 4-5 ft. A.F.F.

Features

- Eligible for the EZ Cal Sensor Exchange Program
- 4-20 mA Output per Gas
- Selectable 4-20 mA, 0-20 mA, 0-10 VDC, 2-10 VDC output can be tied back to variable drives and fan motors for significant energy savings over traditional "all or nothing" ventilation strategies
- Secondary transformer to power fan control circuit or drive
- User selectable:
  - Activation delays, five minutes for Warning and/or Alarm set points
  - Minimum Run Timer
- 95 dBa Audio alarm with Warning and/or Alarm set points
- Optional Concentration Displays

BUILT WITH 100% GREEN ELECTRICITY

215 Colonnade Road South Ottawa, Ontario K2E 7K3 CANADA
Toll Free: 800.465.5777 gas@armstrongmonitoring.com www.armstrongmonitoring.com

ISO 9001 REGISTERED

AMC-1AVCsv INTERNAL VIEW