Features & Options

- 0 to 40 ppm CO Measurement Range
- 30 ppm CO Relay Trip Level with Audible Alarm
- Field Selectable 0 to 5V, 0 to 10V or 4 to 20 mA Output
- BAPI-Stat 4 Enclosure with LED Status Indication

The BAPI Carbon Monoxide Room Sensor features a BAPI-Stat 4 Style Enclosure with Green/Red Status LED. It has a 0 to 40 ppm CO measurement range with a 30 ppm relay/audible alarm trip level. The relay is field selectable for normally closed or normally open, and the CO output level is field selectable for 0 to 5V, 0 to 10V or 4 to 20mA.

The Green/Red LED indicates unit status of Normal, Alarm, Trouble/Service or Test. The side pushbutton places the unit into Test status to verify audible alarm and LED operation. The sensing element has a typical life of 7 years.

CO Sensor in a BAPI-Stat 4 Style Enclosure

5 YEAR WARRANTY

Specifications

Power Supply: 24 VAC/VDC, 1.0 VA Max

Audible Alarm: 75 dB at 10 feet

Relay Output: Form "C", 0.1A , 30VDC, Jumper selectable for Normally Closed or Normally Open

CO Measurement Range: 0 to 40 ppm

Relay/Alarm Trip Level: 30 ppm CO

Jumper Selectable Analog Output: 0 to 5VDC, 0 to 10VDC or 4 to 20mA

CO Sensor Technology: Electrochemical

LED Behavior:

Normal Status
Green LED illuminated, Red LED flashes every 30 seconds indicating that the alarm is powered

Alarm Status
Green LED extinguished, flashing Red LED and audible alarm

Trouble/Service Status
Green LED illuminated, Red LED flashes twice and horn "beeps" once every 30 seconds

Test Status
Green LED illuminated, one chirp, then Red LED flashes 4 to 5 times followed by 2 alarm signals

Operating/Storage Temp:
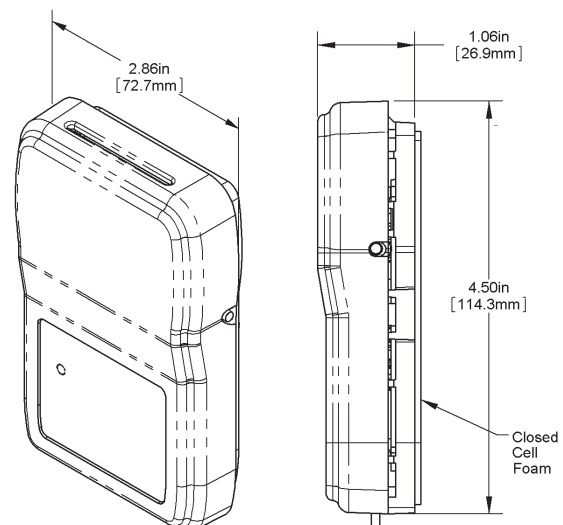40 to 100°F (4.4 to 37.8°C); 15 to 95% RH

Sensor Life: 7 years typical

Response Time: 15 seconds typical

Sensor Overload Level: 5,000 ppm CO

Agency: RoHS

Warranty: 5 years

2.86in [72.7mm] 1.06in [26.9mm] 4.50in [114.3mm] Closed Cell Foam

BAPI-Stat 4 Style Enclosure

Ordering Information

Part #   **Description**

BA/CO-B4.............Carbon Monoxide (CO) Sensor in a BAPI-Stat 4 Enclosure

Note: Sensors must be installed and powered within 4 months of purchase to prevent loss of accuracy.