



GAS & SPECIALTY SENSORS

CARBON MONOXIDE SENSOR

BA/420CO

DESCRIPTION

Continuously monitor for carbon monoxide (CO) with the **BAPI Model BA/420CO Carbon Monoxide Sensor**. The unit is equipped with an on-board electrochemical sensor and provides a 4 to 20 mA output signal proportional to the carbon monoxide concentration detected. The **Model BA/420CO** features a rugged housing with mounting tabs for easy installation. An optional LCD display is available for local indication. Units are factory calibrated and ready for field installation and operation.

The **Model BA/420CO Carbon Monoxide Sensor** is designed to be used as part of a control system that helps to prevent the formation of a hazardous environment when properly installed and maintained. For more information on the proper application and use of this product please read "Environmental Safety Devices" in our technical reference section.

FEATURES

- High accuracy at low concentrations
- Long life electrochemical sensor
- Rugged housing with mounting tabs
- Calibration certificate included
- Optional LCD display

SPECIFICATIONS

Supply Voltage	14-27 VDC
Signal Output	4 to 20 mA @ 500Ω, two-wire loop powered
Resolution	1 ppm (models with display only)
Measurement Range	
CO-1	1-100 ppm
CO-3	1-300 ppm
Sensing Technology	Electrochemical
Life Expectancy	> 4 years
Response Time	90%; < 40 seconds @ 77° F (25° C)
Wiring Terminations	3/4" conduit adapter
Operating Temperature	
w/o Display	-4° to 104°F (-20° to 40°C)
w/ Display	14° to 104°F (-10° to 40°C)
Operating Humidity	15% to 90% RH (noncondensing)
Dimensions	3.8" diameter x 2.13"H (9.65 x 5.41 cm)
Enclosure Rating	NEMA 1
Mounting	2 screw tab or 1/2" conduit
Weight	0.3 lb (0.13 kg)
Approvals	CE, Rohs
Warranty	2 years



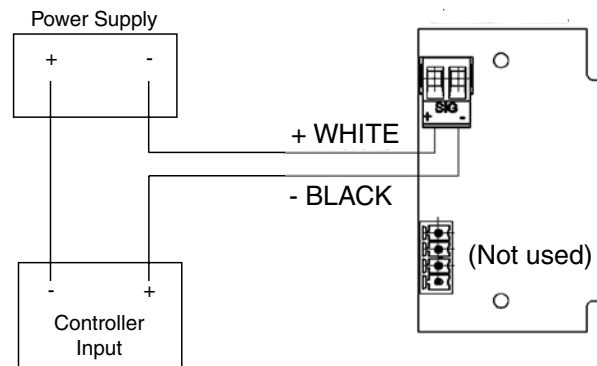
BA/420CO-1



BA/420CO-1-D



WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
BA/420CO-1	CO sensor, 1-100 ppm
BA/420CO-1-D	CO sensor, 1-100 ppm, with display
BA/420CO-1-D-PM	CO sensor, 1-100 ppm with display, panel mount
BA/420CO-1-PM	CO sensor, 1-100 ppm, panel mount
BA/420CO-3	CO sensor, 1-300 ppm
BA/420CO-3-D	CO sensor, 1-300 ppm, with display
BA/420CO-3-D-PM	CO sensor, 1-300 ppm with display, panel mount
BA/420CO-3-PM	CO sensor, 1-300 ppm, panel mount