

## CO2 MULTI-SENSOR SERIES



### The Perfect CO<sub>2</sub> Solution

The CO<sub>2</sub> Multi-Sensor Series detects carbon dioxide (CO<sub>2</sub>) levels in ambient air. This protects employees and guests from potentially hazardous gas concentrations. The system allows for multiple sensors to receive power and report concentration levels to our touchscreen display. The CM-7000 Series' customizable audible and visual alarm settings can trigger three individual relays. These relays can trigger third-party devices like exhaust systems and fire panels. Ensure the safety of your employees and guests as well as the compliance of your facility with the CO<sub>2</sub> Multi-Sensor Series.

### Features

- 8" Touchscreen Display Panel
- Up to 12+ easily addressable CO<sub>2</sub> sensors (24 maximum)
- 3 fully-configurable relays
- User configurable settings
- Field-upgradeable
- Meets NFPA, IFC, and NBIC requirements
- Meets OSHA and NIOSH TWA standards

### Accessories

- **CM-7002** | Remote Relay Key Switch
- **CBL-7002** | Relay Cable for CM-7002
- **CM-7003** | Sensor Unit Add On
- **CM-7004** | Horn Strobe Add On
- **CM-7005** | Main Tablet Only
- **CM-7006** | Mini Remote Display Tablet
- **CM-7009** | POE Booster
- **CM-1026-5,6** | CO<sub>2</sub> Storage Safety Strobe Tower
- **SV-1029** | Solenoid Shut-off Valve

### Applications



**Beverage  
Dispensing**



**Restaurant  
& Food**



**Breweries  
& Wineries**

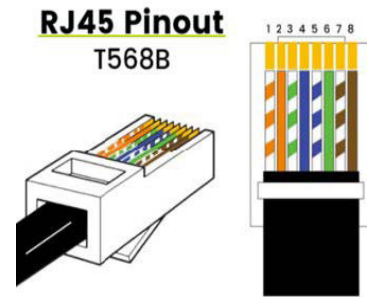


**Safety**



**Agriculture**

# TECHNICAL DATA



## CO<sub>2</sub> Multi-Sensor Series

<b>CO<sub>2</sub> Measurement Range</b>	0-5% (0-50,000 ppm)
<b>CO<sub>2</sub> Measurement</b>	NDIR (Non-dispersive Infrared)
<b>Alarms</b>	5,000 TWA, 5,000 Instantaneous, 1.5%, 3% (fully customizable)
<b>Measurement Interval</b>	2 seconds (0.5 Hz)
<b>Operating Temperature</b>	32-122° F (0-50° C)
<b>Calibration</b>	Zero with Nitrogen or Factory Calibration
<b>Connections</b>	RJ45 Pinout T568B
<b>Sensor Life Expectancy</b>	>15 years

## Electrical and Mechanical Specifications

<b>Power Supply</b>	48-54 VDC power adapter
<b>Power Input</b>	4.5-5.25 VDC
<b>Power Consumption</b>	300 mA peak, 30 mA average
<b>Horn Strobes</b>	90-120 dB 3KHz, 110 cD

## Models

<b>CM-7002</b>	Remote Relay Key Switch Add On
<b>CM-7003</b>	Sensor Unit Add On *Each sensor covers approximately 1500 sqft*
<b>CM-7004</b>	Horn Strobe Add On
<b>CM-7005</b>	Main Tablet
<b>CM-7006</b>	Mini Display Tablet
<b>SV-1029</b>	CM-7000 Solenoid Shut Off Valve



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