

REMOTE CO₂ STORAGE SAFETY DUAL ALARM

The Perfect CO₂ Solution

The CO₂ Storage Safety Alarm has both an audible alarm and flashing visual indicator when CO₂ concentrations reach a pre-set level. 2 built-in relays can be used to control a ventilation fan and an HVAC control alarm to notify maintenance staff off-site of high CO₂ levels.

Features

- Sensor connects with Remote Display Unit using 26ft (8m) cable (included)
- Large digital LCD display clearly indicates the current CO₂ level and temperature
- Relay outputs can automatically control a fan or blower to ventilate confined spaces
- 80dB Audible and visual alarm indications
- IP65 Case may be washed down with sensor cover installed (included).
- Meets NFPA, IFC, and NBIC Requirements
- Meets OSHA and NIOSH TWA Standard

Applications



**Restaurant
& Food**



**Breweries
& Wineries**



**Beverage
Dispensing**



**CO₂ Storage
Tanks**



**Dry Ice
Storage**



**Architects &
New Builds**



Laboratories

TECHNICAL DATA

Remote CO₂ Storage Safety Dual Alarm

| | |
|---|---|
| CO₂ Measurement Range | 0-5% (0-50,000 ppm) |
| CO₂ Measurement | NDIR (Non-dispersive Infrared) |
| Alarms | 1st Relay Alarm 1.5% CO ₂ , 2nd Relay 3% CO ₂ (User configurable) |
| Response Time | < 60 seconds |
| Operating Temperature | 0-50°C (32-122°F) |
| Calibration | Manual with test gas or factory calibration |
| Connections | Standard RJ45 |
| Sensor Life Expectancy | 15 years |

Electrical and Mechanical Specifications

| | |
|--------------------------|---|
| Power Supply | 100-240VAC 50/60 Hz to 11220 VAC AC adapter |
| Power Input | 4.5-5.25 VDC |
| Power Consumption | 3 Watts |
| Horn Strobes | 6VDC battery backup connections |

Alarms & Relays

| | |
|---------------------------|---|
| Response Time | <60 seconds |
| Alarm Level | 88 dB |
| Relay Power | Peak current <2A @ 30 VDC or 250 VAC, SPDT |
| Relay Color Coding | Red & White: Normally Open, Blue & White: Normally Closed |



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