RAD-0102-6

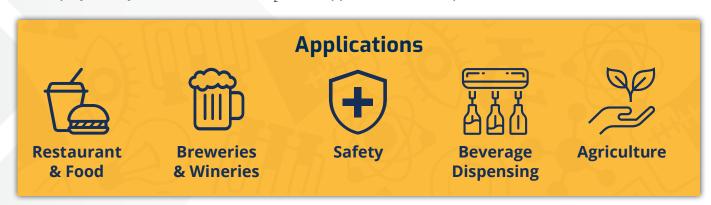# REMOTE CO₂ STORAGE SAFETY 3 ALARM

Our #1 CO₂ Safety Device

The Remote CO_2 Storage Safety 3 Alarm detects carbon dioxide (CO_2) levels in ambient air. This protects employees and guests from potentially hazardous gas concentrations. The RAD-0102-6 features audible and visual alarms that 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_2 Storage Safety 3 Alarm.

Features

- 3 alarms/relays
- Meets NFPA, IFC, and NBIC requirements
- Meets OSHA and NIOSH TWA standards
- IP54 Enclosure
- UL list ed for compliance
- Relays can automatically control ventilation fans or signal a fire alarm panel
- LCD display clearly indicates current CO_2 level in ppm or % and temperature

Accessories

- **CM-1027 |** Dual Strobe Add-On Kit
- **RAD-0104 |** Additional Remote Display
- **CM-1026-5,6 |** CO_2 Storage Safety Strobe Tower
- **SV-1029 |** Solenoid Shut-off Valve

Applications

Restaurant & Food

Breweries & Wineries

Safety

Beverage Dispensing

Agriculture

> **Perfect!!** 👍
> Just what I needed for the Cold Room,
> -Elk Pond Craft Ales, RW.

Gas Measurement Specialists
ISO 9001 : 2015 Certified

Speak to a Technical Sales Expert
1.877.678.4259 | sales@CO2Meter.com

TECHNICAL DATA

Remote CO$_2$ Storage Safety 3 Alarm

CO$_2$ Measurement Range	0-5% (0-50,000 ppm)
CO$_2$ Measurement	NDIR (Non-dispersive Infrared)
Alarms	5,000 TWA, 5,000ppm, 3% (user configurable)
Measurement Interval	2 seconds (0.5 Hz)
Operating Temperature	32-122° F (0-50° C)
Calibration	Zero with Nitrogen or Factory Calibration
Connections	Standard RJ45
Sensor Life Expectancy	>15 years

Electrical and Mechanical Specifications

Power Supply	110-220 VAC 50/60 Hz to 12 VDC power adapter
Power Input	4.5-5.25 VDC
Power Consumption	3 Watts
Hard-Wired	24 VDC hard-wired option (cable included)
Output	4-20 mA

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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