REMOTE CO2 & OXYGEN STORAGE SAFETY 3 ALARM
RAD-0200-2

The Remote CO2 & Oxygen Storage Safety Three Alarm is designed to protect people who work near carbon dioxide stored in confined spaces, or who work with compressed nitrogen and run the risk of oxygen depletion in enclosed areas.

FEATURES

- Sensor connects with Remote Display Unit using cable
  – 25 ft. included
- Large display clearly indicates current CO2 and O2 levels in real-time
- Three relays automatically control fans to ventilate confined spaces
- 4-20 mA output to allow for remote display of values
- 88 db audible and visual alarms on both units
- IP54 enclosure

SPECIFICATIONS

- **Measurement Range:** 0-5% (50,000ppm) CO2, 0-25% O2
- **CO2 Alarm Relays (user configurable):**
  – Relay 1: 5,000 ppm TWA (non-configurable)
  – Relay 2: 1.5%
  – Relay 3: 3%
- **O2 Alarm Relays (user configurable):**
  – Relay 1: 19%
  – Relay 2: 17%
  – Relay 3: 15%
- **Alarm warm-up time:** < 60 seconds
- **Operating Temperature:** 0-40° degrees C (32-104° F)
- **Calibration:** Manual calibration with test gas
- **Sensor Life Expectancy:**
  – 5 years Oxygen Sensor
  – 15 years CO2 Sensor

ELECTRICAL

- **Power Supply:** 110-240VAC to 6VDC Adapter
- 24VDC hard-wired power option
- **Power Consumption:** 3 Watts
- **Relays:** Peak Current < 2A @ 30VDC or 250VAC, SPDT
- **Relay Color Coding:**
  – Red & White: Normally Open
  – Blue & White: Normally Closed

ADD-ONS

- CM-1026 - Dual Strobe Add-on Kit
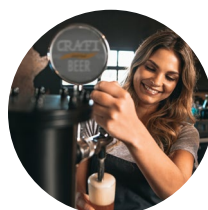- RAD-0202-2 - Additional Remote Display
- CM-1026-5,6 - CO2 Storage Safety Strobe Tower

INDUSTRIES

Cryogenics

Safety

Breweries

TYPICAL INSTALLATION