
Overview

The 1672 CO₂ Alarm is designed for monitoring CO₂ leaks in refrigeration, freezing, and machine rooms, ensuring safety and compliance in critical environments. This system consists of two components: the CO₂ Sensor (#1701) and the 1672 alarm box.

Unlike single-alarm units, the 1672 features dual-level CO₂ detection, allowing for early warning and critical alarm stages. When CO₂ levels reach pre-set thresholds, the system triggers visual and audible warnings (94 dB buzzer) and activates potential-free relay outputs, allowing integration with ventilation or safety systems.

With robust construction, flexible outputs, and a self-calibrating sensor, the 1672 alarm is a reliable and long-term solution for industrial applications.



Key Points

- **Dual-Level CO₂ Alarm:** Two alarm thresholds (e.g., 5,000 ppm & 10,000 ppm) for early and critical warnings.
- **Integrated Alarm System:** Bright red LED warning light and loud 94 dB buzzer for immediate notification.
- **Flexible Output Options:** Features potential-free relay contacts and +12 VDC alarm output for external system integration.
- **Built for Industrial Use:** The IP66/IP67-rated alarm box ensures durability in demanding environments.
- **Long Sensor Life:** Powered by the self-calibrating #1701 CO₂ sensor with a lifespan of more than 15 years.

Application

- Refrigeration and freezing rooms
- Machine rooms
- Industrial facilities requiring reliable gas monitoring

Specifications

- **Power Supply:** 100-277 VAC, 47-63Hz
- **Relay Outputs:** Potential-free relay contacts (Max 125 VA, 2A, 250 VAC)
- **Alarm Output:** +12 VDC (max 200 mA) for external integration
- **Buzzer:** 94 dB audible alarm
- **Alarm Box Dimensions:** 100 x 100 x 80 mm (LxWxD), IP66/IP67 rated
- **Sensor Placement:** Installed at floor level for accurate CO₂ detection
- **Operating Temperature:** -25°C to +50°C
- **Sensor Lifetime:** More than 15 years

Specials

We can manufacture customized variants within the specified range to meet your unique requirements. Additionally, we offer OEM versions with your company logo. For pricing, availability, or any further inquiries, please feel free to contact us.

Why Choose the 1672 CO₂ Alarm?

The 1672 CO₂ Alarm is designed for professionals who need reliable, real-time CO₂ monitoring in machine rooms and refrigeration facilities. With dual alarm levels, it provides both an early warning and critical alert, helping to prevent hazardous conditions. The self-calibrating sensor, industrial-grade alarm box, and flexible output options make it a low-maintenance and highly effective solution for CO₂ leak detection.

For pricing, availability, or any further inquiries, please feel free to contact us:

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