

RAD-0012

Remote Oxygen Enrichment Safety Alarm



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The Remote Oxygen Enrichment Safety Alarm is designed to protect customers and workers near stored oxygen. High oxygen alarms are critical in cryogenics, Cryotherapy, food production facilities, process cooling, or in any enclosed space where inert gases are stored.

- Wired O2 Monitor & Remote Display
- Measures O2 concentrations from 20.1% to 25%
- User configurable for specific applications

The Monitor has both audible and visual alarms. 3 built-in relays are triggered at 23%, 24% and 25% respectively that can control an exhaust fan or send an alarm to the fire department or monitoring company. The alarm levels are user-configurable to allow for specific applications.

Features

- New faster-responding sensor uses the latest oxygen sensing technology
- More flexible - extend remote up to 300 feet from the main unit
- Designed to ensure safety compliance in any state
- Reliable connection with a standard Ethernet cable (25 ft. included)
- Large display clearly indicates the current O2 level and temperature
- 3 relays automatically control fans to ventilate confined spaces
- 4-20 mA output to allow for remote display of values
- 88dB audible and visual alarms on both units
- IP54 Enclosure - prevents water damage during wash-down
- 100% clean look – all cables can be hidden

Accessories

CM-1026 - Dual Strobe Add On Kit. Attach a flashing strobe to both the Sensor Unit and the Remote Display Unit to give a more visual alarm. Great for high-noise environments. Some local fire codes also require this. Call to see if your local municipality requires these.

CM-0126-5, 6 - Strobe Tower Add On Kit. The Strobe tower gives a visual indicator of which of the 3 alarms were triggered as well as providing a louder alarm. Both 110-224VAC and 24VDC models available. Order online here.

RAD-0022 - Additional Remote Display. The Sensor display unit comes with one remote display that can be placed up to 300ft. away using Cat5 or greater Ethernet cable (28ft. included in box). Purchase one or two additional remote displays, then daisy-chain them so long as the total run is less than 300 ft.

GAS-0202 Calibration kit with 99.9% nitrogen cylinder, 21% oxygen cylinder, regulator, and tubing. Learn more here.

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O2 Range	0-25% Oxygen Sensor
Alarms	23%, 24%, 25% O2 (configurable).
Alarm Response	< 60 seconds
Callibration	Manual calibration with nitrogen (N2) gas or factory calibration
Temperature Range	0-50°C (32-122°F)
Sensor Life Expectancy	5+ years

Electrical and Mechanical Specifications

Power Supply	110-240VAC to 6VDC Adapter
Power Consumption	3 Watts



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Last Update: 8-11-2021