Ax60+ O₂

by **ANALOX**

Oxygen Depletion & Enrichment Sensor

The Analox Ax60+ O₂ sensor is designed for ambient oxygen monitoring, focusing on safety and leak detection, addressing both oxygen depletion and oxygen enrichment concerns.

The Ax60+ O₂ is well suited for a wide range of industries including: Medical, Food manufacturing & packaging, Laboratories, Manufacturing and Agriculture.

Features

- Incorporates a lead-free electrochemical sensor with a (T90) <30 seconds response time
- Measurement range of 0% - 25% O₂
- Modular system supports 1-4 sensors and up to 4 alarm units per sensor
- 5 year warranty on sensors and electronics
- Available as quick connect plug and direct connect
- Durable IP55 rated water-resistant enclosures
- 24V power supply versions available for low voltage operation

Benefits

- Ready to install - straight from the box
- Preconfigured alarm setpoints to meet all state and local fire/building codes and regulations out of the box
- Modular and flexible system scales from small to large applications
- Retrofits with existing Ax60+ safety systems for consolidated monitoring
- Alarm set points can be changed by the user if there is a change in legislation
- 5-year warranty on sensor for true peace of mind
- Ensures staff safety by monitoring for O₂ enrichment and O₂ depletion and triggering audible/visual alarms accordingly

Industries

The Ax60+ O₂ sensor is perfect for any industry that stores or uses O₂ or any inert gasses such as nitrogen (N₂) liquid nitrogen (LN₂) or argon (Ar) that could cause O₂ depletion.

Medical

Food Manufacturing & Packaging

Breweries & Wineries

Laboratories

Manufacturing

Welding & Metal Fabrication

Agriculture

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Tech Spec

Gas detected	Oxygen (O₂)
Sensor technology	Electrochemical Cell
Range	0% to 25%
Default Alarm set points	AL2: 19.5% (Low) AL3: 23% (High) AL4: 18% (Low-Low)
Warm up time	60 Minutes
Response Time	(T90) <30 seconds
IP Rating	IP55

Dimensions	W: 3" / 72mm H: 5.1" / 132mm D: 2" / 52mm
LED indicators	Green = Power Red = Alarm
Warranty	5 years graded
Accuracy	For the first 24 hours of operation is ±2% O₂ After the first 24hrs of operation is ±1% O₂

Ax60+ Modular System

The Ax60+ O₂ modular system requires a **Central Display Unit**, a **sensor** and an **alarm**.

If your business or plans are poised for growth, the Ax60+ modular system presents an ideal expansion solution for your setup. Here are the extra units you can choose;

- **Alarm units** available with multiple color strobe colors and 80+ dBA sounder (add up to 8 alarms per Central Display Unit)

- Choose **extra sensors** to fit you needs:
    - CO₂ sensor (requires alarm unit)
    - CO Sensor (requires alarm unit)
    - Cultivate CO₂ (Agriculture specific sensor)

- Connect to your **Building Management System** (BMS) with the **Data Output Module** (DOM) for live, remote readings

- **Built-in relays** activate ventilation or gas shut-off using the Solenoid Valve which automatically turns off the gas supply in alarm conditions

For more information please visit the **Ax60+ Page.**

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