Ax60+

Multi-gas Safety Monitor

The Ax60+ is a wall-mountable gas safety device for monitoring oxygen and carbon dioxide. Based on the popular Ax60 CO_2 detector, the new Ax60+ offers the additional functionality of a modular O_2 sensor which provides an early warning of both oxygen depletion and oxygen enrichment. The CO_2 and O_2 sensors are interchangeable and can be fully integrated as part of a multi-point, multi-gas detection and alarm system.

The CO_2 sensor is set by default to trigger a low-level alarm at 1.5% CO_2, an evacuation alarm at 3% CO_2 and a time-weighted average alarm of 0.5% CO_2 measured over eight hours. The O_2 sensor is set by default to trigger low-going alarms at both 19.5% and at 18% and a high-going alarm at 23%. The alarm setpoints can be changed by the user. Warnings are announced by high-visibility strobe lights and high-volume sounders.

KEY FEATURES

- Multi-point, multi-gas, distributed monitoring system

- 4-channel flexibility allowing any sensor combination

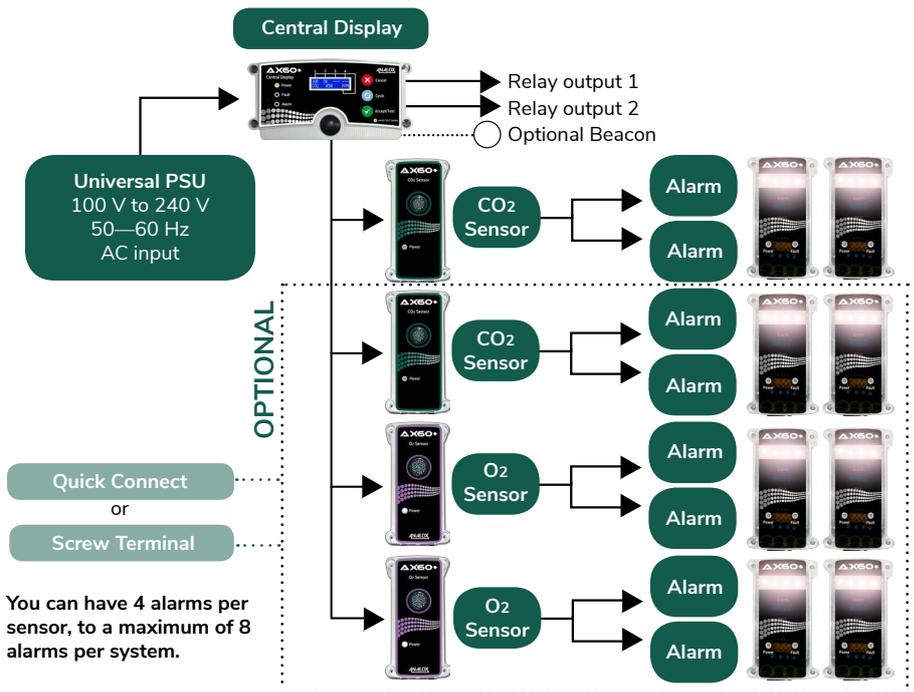- Central display unit for remote operation and control

- User-configurable alarms, setpoints and relay outputs

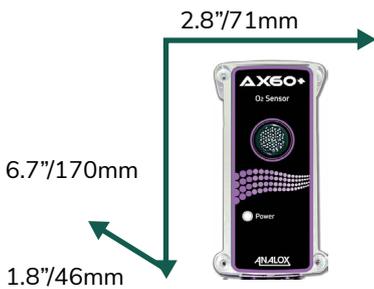- Built-in software for operation and maintenance tasks

INDUSTRIES

Central Display

Relay output 1
Relay output 2
Optional Beacon

Universal PSU
100 V to 240 V
50—60 Hz
AC input

CO2 Sensor → Alarm / Alarm

OPTIONAL

CO2 Sensor → Alarm / Alarm

O2 Sensor → Alarm / Alarm

O2 Sensor → Alarm / Alarm

Quick Connect
or
Screw Terminal

You can have 4 alarms per sensor, to a maximum of 8 alarms per system.

Manufactured in Great Britain

PROVIDING NICHE CUSTOM GAS DETECTION SINCE 1981

ANALOX
Sensor Technology

SPECIFICATIONS

6.9"/175mm

4.3"/110mm

3"/75mm

2.8"/71mm

6.7"/170mm

1.8"/46mm

2.8"/71mm

6.7"/170mm

1.8"/46mm

2.8"/71mm

6.7"/170mm

1.8"/46mm

Alarm set points can be changed by the user.

System

Warm-up time: 40 seconds
Operating temperature range: −5 °C to +50 °C, +23 °F to +122 °F
Approvals: CE, EN50270, IEC 61010 (UL), DIN 6653 (TUV)
Warranty: 5 years electronics

Central Display

Display: LCD dot matrix (backlit)
Relays: 2 off, default normally open. Rating 1 A/30 V AC/DC
IP Rating: IP54

Alarm

Strobe: white LED strobe > 100 cd (optional blue, red and amber filters)
Sounder: min 80 dBA @3 m (9.8 feet)
IP Rating: IP55

CO_2 Sensor

Gas detected: carbon dioxide
Measurement technique: infrared
Range: 0.1% to 5%
Default alarm setpoints: 0.5% (8 hour TWA), 1.5%, 3.0%
IP Rating: IP55
Warranty: 5 years

O_2 Sensor

Gas detected: oxygen
Measurement technique: electrochemical cell
Range: 0.1% to 25%
Default alarm setpoints: 18.0% (low going), 19.5% (low going), 23.0% (high going)
IP Rating: IP55
Warranty: 5 years graded

Analox has a policy of continuous improvement and we reserve the right to upgrade or change specifications without prior notice.
Full technical specifications are available upon request and can be found in the User Manual.
If you require a datasheet in another language please contact us.

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