

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 CO2 detector, the new Ax60+ can also be supplied with O2 sensor modules which provides an early warning of both oxygen depletion and oxygen enrichment. The CO2 and O2 sensors are interchangeable and can be fully integrated as part of a multi-point, multi-gas detection and alarm system.

The CO2 sensor is set by default to trigger a low-level alarm at 1.5% CO2, an evacuation alarm at 3% CO2 and a time-weighted average alarm of 0.5% CO2 measured over eight hours. The O2 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 fixed sensor combination

Central display unit for remote operation and control

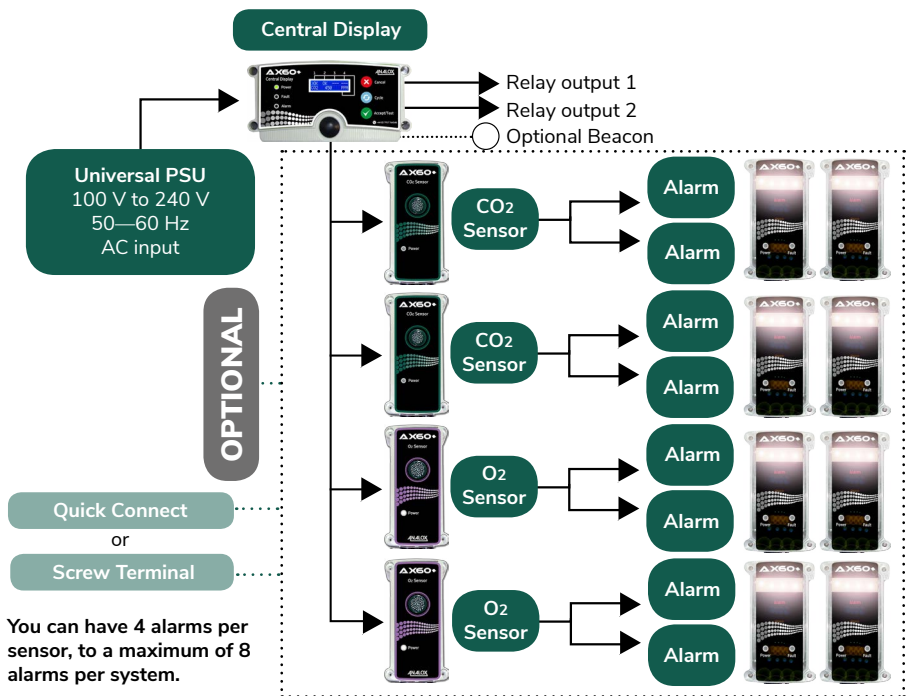
User-configurable alarms, setpoints and relay outputs

Built-in software for operation and maintenance tasks

INDUSTRIES



PROVIDING NICHE CUSTOM GAS DETECTION SINCE 1981



 Manufactured in Great Britain

ANALOX
Sensor Technology

SPECIFICATIONS



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 x configurable relays, rated for 1 A/30 V AC/DC

IP Rating: IP54

Maximum power consumption: <24 W

Power supply accepts inputs from: 100 - 200V ~ 1A

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

CO2 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

Response time: (T90) <30 seconds

O2 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

Response time: (T90) <30 seconds

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.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.