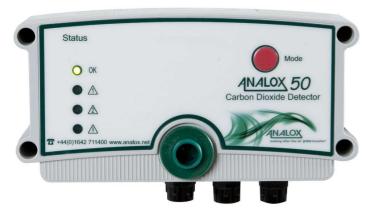


Carbon Dioxide detector with optional oxygen sensor



Sensor specifications:

Gas detected:

Carbon dioxide

(optional oxygen sensor may be fitted)

Measurement technique:

Infra-red

(oxygen - electrochemical)

Range:

0.1 to 5%

(oxygen - 0.1 to 25%)

Resolution:

0.01%

(oxygen - 0.1%)

Alarm set points:

0.5 and 1.5% (optional alarm set points available) (oxygen - 18 and 19.5%)

Response time:

45 seconds to T90

(oxygen - 15 seconds to T90)

Warm up time:

40 seconds

(oxygen - 10 seconds)

CO₂ Expected life:

> 15 years warranty: 15 years

O₂ Expected life:

2 years warranty: 1 year

Analyser specifications:

Analyser type:

Fixed

Power:

230V AC, 110V AC, 9 to 24V DC (24hour battery backup option available)

Display:

Optional 4 digit Liquid Crystal Display

Operating temp:

-5 to +40°C

Power consumption:

<5 VA

Output options:

4 to 20mA, 2 x relays, 0 to 1V

Dimensions:

175 x 110 x 75mm (analyser) 72 x 170 x 45mm (repeater)

IP Rating:

IP65 (apart from quick connect repeater which is IP43)

Sounder:

Minimum 75dbA

Internal Strobe:

Intensity >100cd

Warranty:

2 years electrical

Analyser approvals:

CE, EN50270:1999, EN61000-6-3:2001+A11:2004, BS EN 61010-1:2001, IEC 61010-1(2ed), DIN 6653-2:2004 (TRSK313) and AS61010.1-2003 (Australia & New Zealand), CSA, Master Contract 239512, Certificate 1909026.

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.



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.