## SPECIFICATIONS

**$O_2$ range:** 0.1 to 25%

**Sensor accuracy:** better than ± 0.75% $O_2$ over 5.0 to 25.0% $O_2$

**Response time (T90):** <60 seconds

**Operating temperature:** 0 to +40 °C (+32 to +104 °F)

**Temperature effect:** 0.2% of reading/°C or 0.1115% of reading/ °F

**Atmospheric pressure range:** 811 to 1050 mbar absolute

**Warm up time:** 10 seconds to normal operation, prior to calibration allow 2 hours to achieve full accuracy

**Dimensions:** central unit = 175 x 105 x 75 mm, alarm repeater = 155 x 72 x 45 mm

**Weight:** central unit = 600g, alarm repeater = 150g

**IP rating:** IP65 for central unit and alarm repeater, unless the alarm repeater is quick connect then it is IP43

**Sensor type:** electrochemical cell

**Sensor life:** up to 7 years in air

**Display:** 4 digit LCD

**Alarms:** 2 x alarm visual indicators, 1 x system fault indicator, 1 x status indicator, common audible alarm

**Alarm Sounder:** min 75dBA

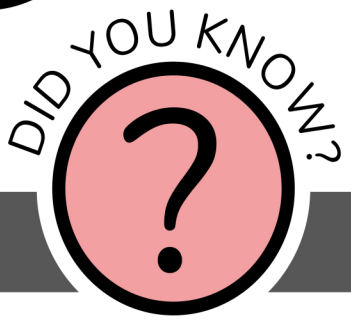
**Relays:** one or two optional alarm relays with changeover contacts assigned to alarm 1, alarm 2 or system fault. Contact rating 240 V AC or 30 V DC at up to 2 A, contacts are non-latching fail-safe

**Output:** 2 wire, 4 to 20 mA (max load 150 Ω)

**Power supply options:** 210 to 250 V AC supply, 110 to 120 V AC supply, 9-24 V DC supply

## ANALOX ASKS

Is an oxygen safety monitor the same as a nitrogen safety monitor? Essentially, yes. When there is a threat of $O_2$ levels being depleted due to a leak of nitrogen gas or liquid, then an $O_2$ safety monitor is required. These are sometimes referred to as nitrogen safety monitors.


Most competitor $O_2$ monitors have a 2 year sensor life. The $O_2$NE+ will last up to 7 years.

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.