

Toxic Detector Specifications

Oxygen (O₂)






Description

The ZS-O₂ range is housed in an IP65 ABS housing with top and side cable entries.

The sensor/cyberboard is housed in a accessible chamber for ease when replacement of sensor is required

Each Gas Sense unit contains 3 indications and 3 relay outputs:

-  Pre-alarm LED with voltage free changeover relay output
-  Alarm 1 indication with voltage free changeover relay output
-  Alarm 2 indication with voltage free changeover relay output

The unit also has a 24Vdc output triggered at alarm.

Technical Specification

Gas Type	Oxygen (O ₂)
Model Number	ZS-O ₂ /25%
Part Number	47-730
Target Gas Range	0-25% VOL.
Replacement Sensor Part Number	CY-DO ₂ -NT-O ₂ -A2
Specific Gravity (Air=1)	1.14
Sensor Lifetime	2 Years
Pre-Alarm Settings (ppm)	Depletion Level 13.5% - 18.5% (0.1% Increments)
Alarm 1 Settings (ppm)	Predef Level 18.5% - 22% (0.1% Increments)
Alarm 2 Settings (ppm)	Enrichment Level 20.9% - 25% (0.1% Increments)
Response Time	<15 Seconds
Operating Voltage	21 – 30VDC
Quiescent Current	48mA (250mA Surge)
Warm-Up Time	2 Minutes
Operating Temperature	-20°C - +50°C
Maximum Humidity	15 % – 90% RH
IP Rating	IP65
Storage Time Without Compromising Lifetime	6 Months from date of manufacture
Recommended Storage Temperature	0°C – 20°C
Gas Sensor Type	Electro Chemical
Dimensions (mm)	174(H) x 133(W) x 75(D)
Weight	0.8kg