

EURODETECTOR O₂

OXYGEN DETECTOR

RS485 Detector with electrochemical sensor for oxygen (O₂).

Developed exclusively for its use with DURGAS control unit.

The excess or lack of Oxygen in air can cause in the human being from euphoria to death.

Their main applications are: cellars, food processing, grain storage, greenhouse, incubators, mining, nuclear industry, oil rings and sewage industry.



TECHNICAL CHARACTERISTICS:

Tecnology	Microprocessor and electrochemical sensor
Voltage	From 9V to 15V DC
Consumption	8mA
Measurement range	From 0 to 25%
Resolution	± 0,25%
Reproductiveness	0,5% bottom of scale
Linearity	linear in all the scale
Calibration gas	Precise mixture O ₂ -N ₂ at 25% 250ml/min
Sensor life expencyancy	2 years in normal working conditions
Relative Humidity	From 15% to 90% (continous) & from 0% to 99% (intermittent)
Atmospheric pressure	± 10%
Working temperature	From -15°C to +50°C
Time response	T95 < 15s
Cable entry	PG9 syntec cable gland IP67 self-blocking
Communication	RS 485 addressable (1 to 16)
Protection Grade	IP65
Presentation	Sealed box Makrolon & ABS
Weight & Dimensions	325gr / 120mm x 150mm x 63mm
Height of installation	1,7m / 2m from floor
Coverage (*)	100m ²

Characteristics in conditions of 20 °C, 50% RH 1000 mbar (100 Kpa)

(*) The coverage data is indicative and can vary due to innumerable factors such as humidity, temperature, installation height, air currents, atmospheric pressure, etc...