

O2 SENSOR

for Mk9 and Mk10 CO2 Safety Systems



FUNCTION

The LogiCO2 oxygen sensor (O₂) has a FBO oxygen sensor with built-in temperature and pressure adjustment. The oxygen sensor is factory calibrated and measures the ambient oxygen partial pressure (ppO₂) levels. The sensor benefits from low power operation and a long lifetime (> 5 years) due to the non-depleting sensing principle.

The O₂-sensor is compatible with LogiCO2 Mk9 CO₂ Safety System. It communicates via Modbus RTU with the LogiCO2 Mk9 Central unit and can be used together with the different LogiCO2 CO₂ sensors (Mk9 and Mk10). The unit is delivered together with a horn and strobe alarm device.

The O₂-sensor has a backlit display showing the current O₂ concentration and the uptime (measure of operating time) in hours.

TECHNICAL DATA

Power supply:	24V DC
Operating Principle:	FB-optical
Measurement range:	0-25% O ₂ -concentration
Accuracy:	<2% FC
LED indications	
Green:	Operation
Yellow:	Fault
Red:	Alarm (<19,5% O ₂)
Sound indication	
Beeping:	Fault
Continuous:	Alarm
Ingress protection:	IP 44
Dimensions (LxWxD)	90x161x38 mm 3.5"x6.3"x1.5"

ORDERING EXAMPLE

Description	Item code
O2 MK9 Sensor KIT	2124

O2 MK9 Sensor KIT consists of:

- O2 MK9 Sensor, incl. 5m cable
- Horn/Strobe LED, incl. 1m cable
- RJ45 splitter 1-1
- RJ45 splitter 1-4
- Cable RJ45 10m Red plugs
- Sign O2 H/S EN