

Ei208DWRF - Carbon Monoxide Alarm

Wireless Interconnect 10 Year Lithium Battery

Key Features

- Proven electrochemical 10 year CO sensor
- AudioLINK data download
- LCD Display
- Pre-alarm indication gives warning of CO from 10ppm
- Wireless interconnect
- Powered-for-life sealed lithium battery
- Easy to fit twist-on base
- Test/Hush button
- Memory feature
- Integrated piezoelectric sounder
- 5 Year guarantee

Product Description

The Ei208DWRF is a Carbon Monoxide Alarm which contains a high performance, proven 10 year electrochemical sensor to detect the presence of toxic levels of Carbon Monoxide (CO). The sensor is individually calibrated and tested in Carbon Monoxide gas to ensure accuracy.



The LCD displays the level of CO in ppm, faults, status and recommended actions. The level of CO will start flashing on the LCD display as soon as the Alarm detects 10ppm. (CO levels are displayed up to 995ppm in 5ppm intervals)

When the Alarm detects potentially dangerous levels of CO, the red LED flashes and if the CO persists the alarm will sound. The rate of flashing of the red LED indicates the level of CO. The higher the level of CO detected, the sooner the alarm will sound.

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status using a smart app.

Its sealed battery will last the life of the Alarm. It communicates wirelessly via its preinstalled Ei200MRF **RadioLINK+** module with compatible Ei Electronics Alarms and accessories. Up to 12 RF devices can be interconnected.

The memory feature allows an Alarm that has previously activated to be easily identified (as the red LED will continue to flash for 24hrs after the event or afterwards when you press the Test button).

It self-checks its sensor, battery voltage and internal circuitry regularly. Any fault condition found will be indicated by a combination of yellow LED flashes and sound beeps. The Alarm also has an "End of Life" indicator (audible and visual) which will notify the user when the Alarm needs replacing at the end of its 10 year operational life.

It is supplied with a twist on mounting base which connects the battery when the Alarm is fitted on it and has multiple fixing points so it can easily be secured to a ceiling or wall. Free standing install is also possible.



Technical Specification

Sensor Type:	Electrochemical
Product life:	10 years
Supply Voltage:	3V Lithium Battery (10 year - non replaceable)
Interconnection:	Wireless (via Ei200MRF module)
RF Frequency:	868MHz (1% duty cycle)
RF Power:	+10dBm
RF Range:	> 100 Metres in free air ¹
Protocol type:	Mesh architecture
RF Protocol:	RadioLINK
System size:	Up to 12 RF devices ²
Sound Level:	85dB(A) at 3m
Button Test:	Checks sensor, electronics, battery and horn
Silence function:	Silences alarm for 4 minutes if CO level is <150ppm (once per alarm event)
Data download:	Via the AudioLINK app or the EiUSB1
LCD indicators:	CO level from 10ppm, recommended actions, Alarm status including faults
Visual indicators:	Green LED - Test Red LED - Pre-alarm, alarm (if coincides with horn sounding), hush mode and memory Yellow LED - Fault
Memory Feature:	Records last alarm event
End of Life:	Audible and visual indicators (3 amber flashes and 3 beeps)
Fixing:	Screw Fixing and mounting plate supplied
Normal Operating and Storage Temperature Range:	-10°C to 40°C ¹
Normal Operating and Storage Humidity Range:	15 % to 95 % Relative Humidity (non-condensing)
Dimensions:	Product - 120mm x 40mm x 105mm Packaged - 120mm x 50mm x 135mm
Weight:	200g (Pack +40g)
Warranty:	5 year (limited) warranty
Approvals:	



KM 86596
EN 50291-1:2010+A1:2012
EN 50291-2:2010

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.
2. Please contact us for further advice if additional devices are required.
3. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.