

# Ei208DW - Carbon Monoxide Alarm

## Optional 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 20ppm
- Wireless interconnect when fitted with Ei200MRF **RadioLINK+** module
- 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 Ei208DW 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 20ppm. (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 can operate as a standalone Alarm or can be interconnected wirelessly using the Ei200MRF **RadioLINK+** module (sold separately) to communicate 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 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

<b>Sensor Type:</b>	Electrochemical
<b>Product life:</b>	10 years
<b>Supply Voltage:</b>	3V Lithium Battery (10 year - non replaceable)
<b>Sound Level:</b>	85dB(A) at 3m
<b>Button Test:</b>	Checks sensor, electronics, battery and horn
<b>Silence function:</b>	Silences alarm for 4 minutes if CO level is <150ppm (once per alarm event) Silences fault chirps for 12 hours
<b>Data download:</b>	Via the AudioLINK app
<b>LCD indicators:</b>	CO level from 20ppm, recommended actions, Alarm status including faults
<b>Visual indicators:</b>	<b>Green LED</b> - Power, Test <b>Red LED</b> - Pre-alarm, alarm (if coincides with horn sounding), hush mode and memory <b>Yellow LED</b> - Fault
<b>Memory Feature:</b>	Records last alarm event
<b>End of Life:</b>	Audible and visual indicators (3 amber flashes and 3 beeps)
<b>Fixing:</b>	Screw Fixing and mounting plate supplied
<b>Normal Operating and Storage Temperature Range:</b>	-10°C to 40°C <sup>1</sup>
<b>Normal Operating and Storage Humidity Range:</b>	15 % to 95 % Relative Humidity (non-condensing)
<b>Dimensions:</b>	Product - 120mm x 40mm x 105mm Packaged - 120mm x 50mm x 135mm
<b>Weight:</b>	175g (Pack +40g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	



KM 86596  
EN 50291-1:2018  
EN 50291-2:2019

Manufactured to ISO 9001 quality standards  
Specifications are subject to change

1. 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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