

Ei605TYC - Optical Smoke Alarm

Hard wire Interconnection 10 Year Lithium Battery

Key Features

- ▶ High performance optical sensor
- ▶ Hardwire interconnect
- ▶ Wireless interconnect when fitted with Ei605MTYRF **RadioLINK** module
- ▶ Easy to install twist-on base
- ▶ Easy to use large Test/Hush button
- ▶ Silence nuisance/false alarms
- ▶ Built in sounder - 85dB(A) at 3 metres
- ▶ 5 Year guarantee

Product Description

The Ei605TYC optical Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles. This optical Alarm is sensitive to all domestic fire types but is especially sensitive to smoldering fires.

It is powered by a sealed 10 year Lithium battery that will last the entire product life in normal conditions of use.

The Ei605TYC may operate as a standalone or may be interconnected via hardwire or wirelessly with the optional RadioLINK module Ei605MTYRF (sold separately) to communicate with compatible Ei Alarms and accessories. Up to 12 devices can be interconnected ¹.

It is also supplied with screw fixings and an easy to install twist on base with multiple fixing points. The Alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.

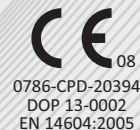
The Ei605TYC is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. The Test button can also be used to silence nuisance alarms, e.g. cooking fumes, for a 10 minute period. The sounder will automatically stop sounding when smoke particles are no longer present in the chamber.

The Ei605TYC self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red LED flashes and/or sound beeps.



Technical Specification

Sensor Type:	Photoelectric
Product life:	10 years
Supply Voltage:	10 year sealed Lithium battery (non replaceable)
Sound Level:	85 dB(A) at 3m
Button Test:	checks chamber, electronics, battery and horn
Silence function:	Silences alarm for 10 minutes
Visual Indicators:	Red LED : Self-check, alarm, hush & fault (if red LED is flashing while unit is beeping, the battery is faulty; if red LED is NOT flashing & unit is beeping, sensor is faulty)
Insect Screen:	Fine mesh
Fixings:	Screw fixings and mounting plate supplied
Normal Operating and Storage Temperature Range:	-10°C to 40°C ²
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94HB
Dimensions:	Product - 115mm x 50mm Package - 150mm x 120mm x 56mm
Weight:	206g (pack +50g)
Warranty:	5 year (limited) warranty
Approvals:	



Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Please contact us for further advice if additional devices are required
2. 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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Ei605TYC Data Sheet RevM01