Addressable Waterproof Call Points

Technical Data Sheet

General

These call points are available with or without an integral isolator and are designed to provide a manual alarm interface to Notifier fire alarm control panels where additional protection against the environment is necessary.

Installation efficiency, flexibility and compliance with the latest standards are at the heart of the call point range.

The unique 'plug and play' concept is designed specifically to reduce installation time by using a terminal block which can be wired during the initial installation cabling with a link (P102) to provide loop continuity for testing. During the commissioning phase, the links are removed and the terminal block is simply inserted into the connector at the back of the unit. No re-termination is required.

Both break glass, supplied, and resettable operating elements (PS230) can be used in the standard unit. Operation of the re-settable element, as well as being indicated by the units LED, is also indicated by a yellow strip on the element which becomes visible when activated. With the addition of a hinged transparent cover (PS200) the element may be protected against accidental operation and may be further protected by using an anti-tamper cover seal (P056) which requires breaking in order to operate the unit.

The call point uses one of 99 possible addresses which is simply 'dialled in' using the two rotary decade switches on the rear of the unit.

A specialist test key may be inserted into the bottom of the unit to lower the glass and release the micro-switch and thus a full functional test is achieved. This test key is double-ended so that it may be used with previous versions of the call point.

Installation

Both units are surface mounting and are rated to IP67. The enclosure is suitable for single or dual cable entry and is supplied with an earth continuity link plate.

Features

- Protected to IP67
- Unique 'Plug & Play' installation concept
- Re-settable operating element option
- Analogue addressable communications
- Fully approved to EN54, Part 11
- Backward compatible as replacement for previous products
- Integral alarm/communication LED
- Integral loop isolation option
- Anti-tamper facility
- Optional cover for two action operation

ISO9001
Design, Manufacture and Supply to Quality Management Systems Certified to ISO9001:1994

LPCB
UKAS
Quality Systems Certificate No. 154
Assessed to ISO9001

Specifications

Dimensions
- 89(w) x 93(h) x 71(d)
- Weight: 400g (incl. packaging)
- Mounting hole centres: 60mm
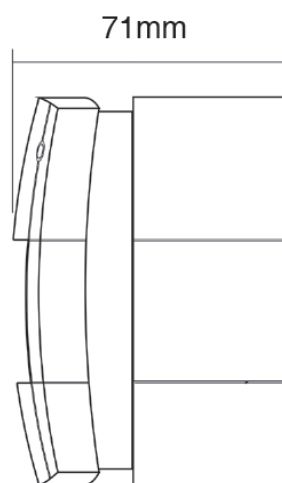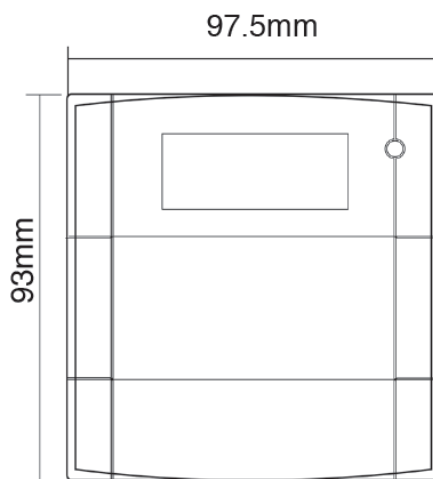
Electrical Characteristics
- Quiescent (without isolator)-260µA
- Quiescent (with isolator) -360µA
- Alarm Current: 6mA
- Operating Voltage: 15 V to 30VDC maximum

Environmental Limits
- -30°C to +70°C operating temperature
- -30°C to +70°C storage temperature
- 0% to 95%, non-condensing relative humidity
- Ingress Protection (IP) Rating: IP67

Ordering Information

Part Number	Description
M700WCP-R/SG	Intelligent call point without isolator. Supplied with glass
M700WCP-R/I/SG	Intelligent call point with isolator. Supplied with glass
PS200	Transparent hinged cover
P056	Call point cover seal (anti-tamper) pack of 5
KG1/N10/GL1293	Pack of 10 EN54 Pt.11 glasses
PS230	Pack of 10 resettable elements
P102	Pack of 10 loop continuity links

97.5mm

93mm

71mm

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