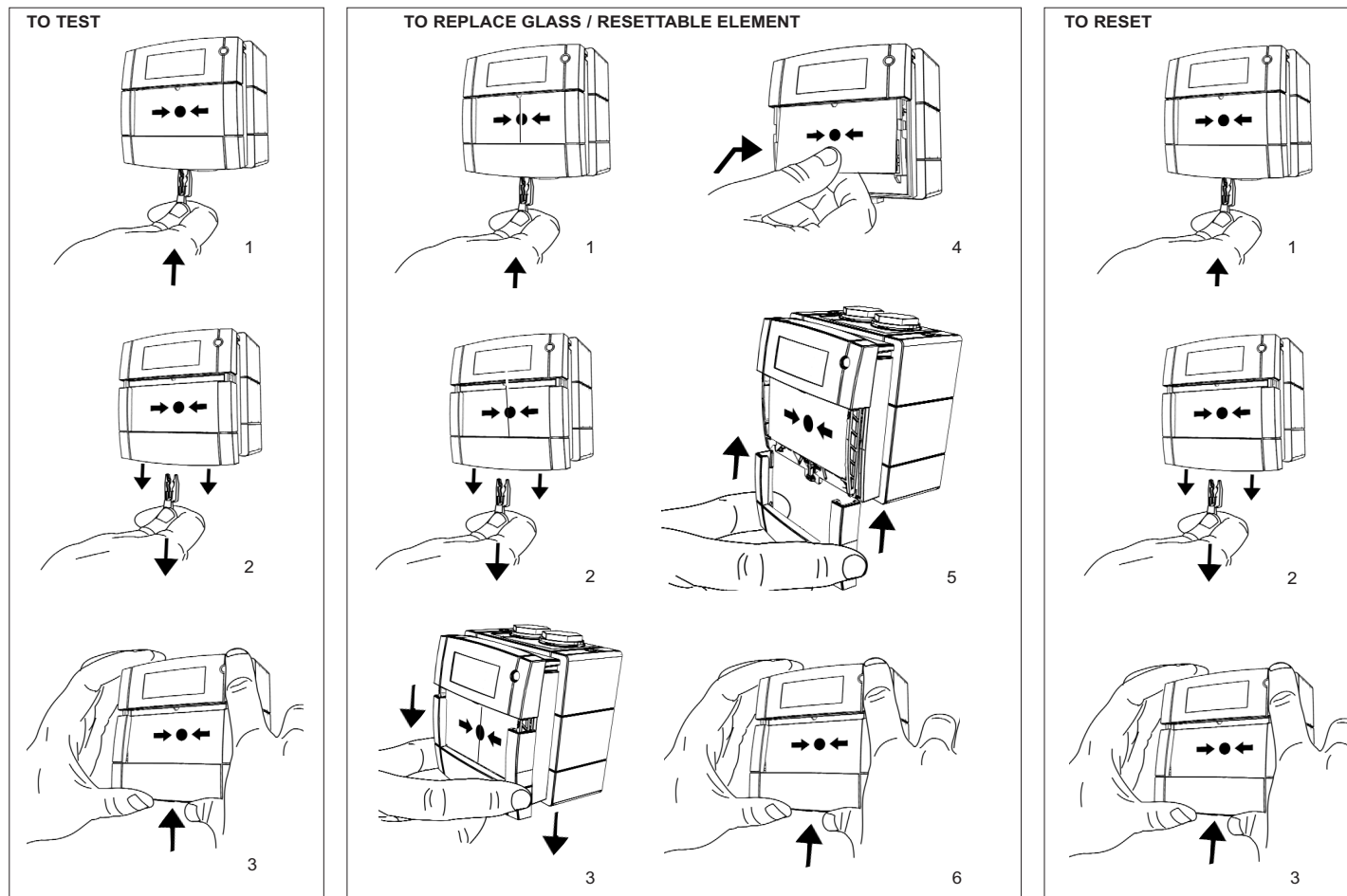


INSTALLATION INSTRUCTIONS FOR THE WATERPROOF MANUAL CALL POINT MODELS M700WCP



Do not connect circuit wiring to this call point, other field devices or the control panel, or apply power to any portion of the system until all necessary wiring polarity, continuity and insulation tests have been performed. All wiring must conform to applicable local and national regulations and codes of practice.

1. Terminate field wiring in the Push Fit Terminal Connector as shown taking care to maintain continuity of any shielding provided.
Positive (+) communication loop: Terminals 3 & 4
Negative (-) communication loop: Terminals 1 & 2

2. Set the call point address according to the designated project drawings, using a flat bladed screwdriver to turn the rotary address switches to the allocated number between 01-99. (Note: Address 00 set at the factory is recognised by the panel as a fault condition)

3. Plug the Terminal connector onto the rear of the call point as shown.

4. Fix Cover to mounting box taking care that all cables are secure and have sufficient clearance

Wiring

Connection to the M700WCP is made via the 4 way terminal connector as shown overleaf
Each terminal will accommodate a conductor of 2.5mm².

Earthing

An Earth Continuity Terminal is situated in the rear of the back box. This is designed to accommodate 2 conductors of up to 2.5mm².

An earthing plate is provided for continuity of metal conduits. This must be placed behind the back box prior to fixing the box to the wall.

Installation

The integral back box has three 20mm diameter threaded holes. Two hole stoppers are provided for use as required. The cable entry holes of the back box must not be subjected to stress by the cable or conduit. The use of sealant such as Loctite product 5331 is recommended.

Important Notes; -

Please do not over tighten fixing screws.

The use of lubricants, cleaning solvents or petroleum based products should be avoided.

The O-ring should be replaced when refitting or replacing the Waterproof Cover.

Model M700WCP

These models are designed for use as components of a compatible fire control system using appropriate analogue addressable devices.

Model M700WCP-x-xx

Notifier Protocol - non-Isolation.

This model provides both signalling of alarm to the monitoring control panel, and local led indication of activation.

Model M700WCP-x-I-xx

Notifier Protocol - with Isolation.

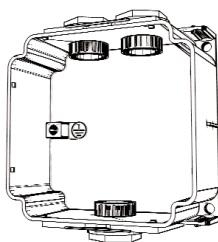
This model provides both signalling of alarm to the monitoring control panel, and local led indication of activation. This model also includes on board isolation, providing short circuit protection of the loop.

General

These Call Points are suitable for Outdoor use.

Wall Mounting of Back Box

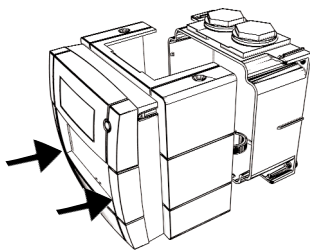
Mount the back box to a suitably flat surface using the three fixing holes and the screws provided in the installation pack. The cable entry holes should be in the vertical plane. The back box can be mounted with either the single or the double entry holes at the top.



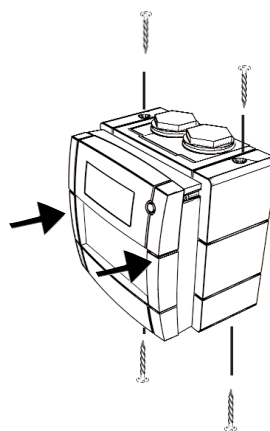
Fitting the M700WCP

Cover to the back box

Plug the 4 way terminal connector onto the appropriate position as shown. Ensure that the O-ring is correctly seated in the channel on the rear of the cover. Place the

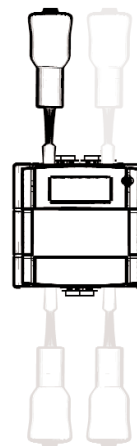
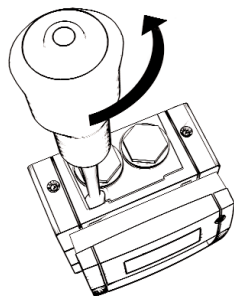


cover squarely over the back box and carefully push the cover until the locating clips have engaged. Do not use excessive force. It is recommended that the 4 cover fixing screws are used to lock the cover into place.

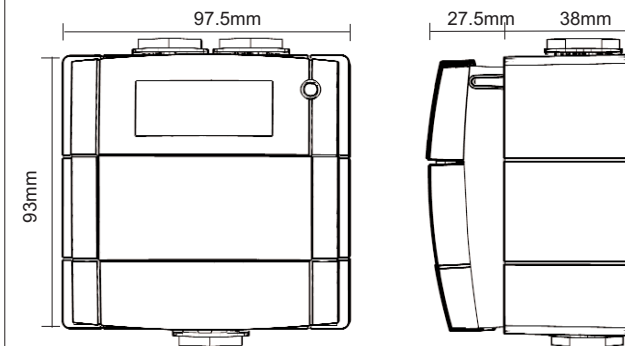


M700WCP Cover removal

To remove the cover, undo and remove the 4 Cover fixing screws. Place the edge of a large flat bladed screwdriver into the slot between the Cover and back box as shown in below and gently twist until the latches are disengaged. Pull cover away from backbox.

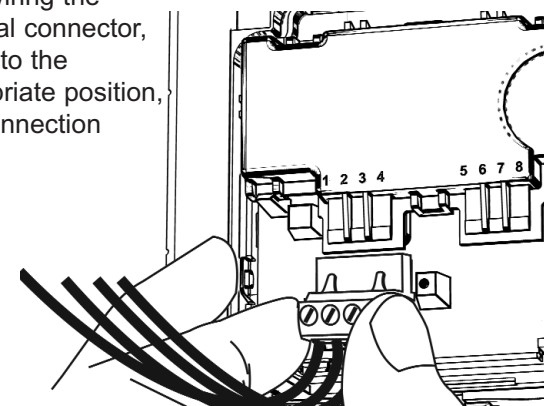


DIMENSIONS

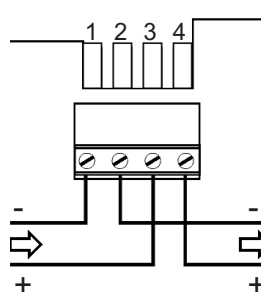


PUSH FIT CONNECTOR

After wiring the terminal connector, plug into the appropriate position, see connection details (left).



CONNECTION DETAILS



TECHNICAL DATA



15V Min
30VDC Max



Quiescent - 260µA Typical (non isolating)
360µA Typical (isolating)



Alarm - 6mA Typical



IP67



270g



-30°C to 70°C



Red, Ral 3001
Yellow, Ral 1006
Green, Ral 6016
White, Ral 9010
Blue, Ral 5002

For isolator specification refer to document SP04-2262 available on request