

MAGPRO-CP
Manual Call Point

Installation Instructions

MAGPRO-CP must be connected only to fire panels, which support MAGPRO communication protocol!

General Description

The addressable manual call point MAGPRO-CP is designed for application in addressable fire alarm systems, which support MAGPRO communication protocol. The call point is with integrated short circuit isolation module - see the connection diagram on page 2 for details. MAGPRO-CP is powered on from the fire panel and can be controlled via the communication protocol.

Functional specifications

Type (according EN 54-11) A
Type of the frangible element resettable (flexible)
Indication "Fire alarm" red LED
Material (plastic), color. ABS, red

Technical specifications

Operating voltage 15÷32 VDC
Current consumption without communication (max) 125µA@27VDC
Current consumption with communication (max) 160µA@27VDC
Current consumption in Fire mode 3mA
Installation wires 0,4mm² ÷ 2,0mm²
Relative humidity. ≤93% @ +40°C

Working Principle

In stand-by mode, the resettable (flexible) call point element is in a middle position and the LED is off. When pressed on, the resettable element is moving down and a color strip is shown on at its upper side. The call point is in "Fire alarm" condition and the LED is on. The resetting of the flexible element back in stand-by mode is done with the special key tool - fix the long side of the tool at the call point bottom side and push up until flexible element moves up in middle position - a click is heard.

Installation Instructions

Attention: Power off the loop circuit before installing the MAGPRO-CP!

1. Pick up the cover and take out the kit elements.
2. Mount the box as observe the knockout holes - never locate them at left or right side.
3. Take the cover and with the special tool remove the carrier unit - use the short side of the tool. As observe the location of the "Up" mark to be in front fix the short side to the holes at the upper side of the call point. Press down and pull out the cover from the carrier unit.
4. Remove the flexible element from the carrier unit - pick up the bottom side of the element and pull out .
5. Set the addressable module address using MAGPRO-PROG programmer. The address must be in the range from 1 to 250.
6. Connect the loop wires to the call point terminals - see the connection diagram.

Attention: When you use the integrated short circuit isolation module connect one of the "+Loop" loop lead to the "Izo" terminal of the call point.

7. Place the carrier unit over the mounting box and use the supplied in the kit screws to fix the parts together.
8. Place back the flexible element to the carrier unit.
9. Mount the cover.
10. Test the call point functionality.

Testing the Call Point Operation

Isolate the fire alarm system before testing. Use the special tool to test the call point operation function ability - insert the tool in the "Test" hole and push up to test. The tool moves the flexible element up and thus operates the call point. The LED will light up while the call point is in test mode.

CE 15
1293
DoP No: 028
1293-CPR-0473
EN 54-11; EN 54-17:2005/AC:2007

! Dimensions

57mm
90mm
90mm

! Installation

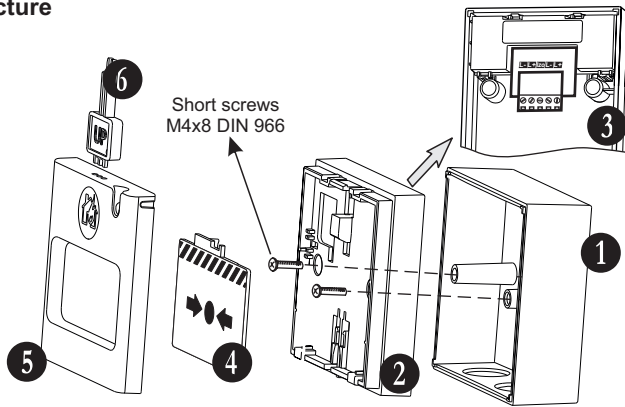
IP40

Indoor Use

-10°C ÷ +60°C

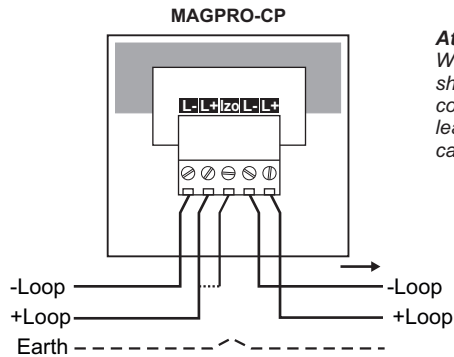
≤175g

Structure



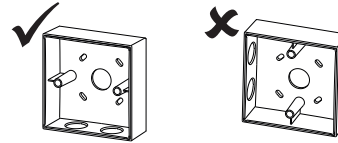
- (1) - surface mounting box;
- (2) - carrier unit;
- (3) - PCB and addressable module for manual call point with row terminals (mounted on the back of the carrier unit);
- (4) - resettable (flexible) element;
- (5) - cover;
- (6) - tool for opening, testing and resetting of the flexible element in stand-by mode (use the tool as shown on the picture - the "UP" mark must be in front).

Connection diagram



Attention:
When you use the integrated short circuit isolation module connect one of the "+Loop" loop lead to the "IZO" terminal of the call point.

Surface mounting

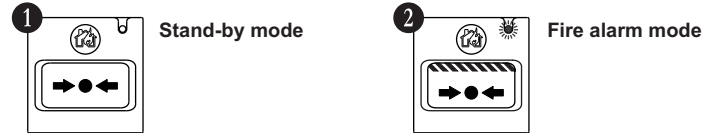


1. Mount the back box and observe the knockout holes - never locate the knockouts on the left or right side.
2. With the cover and element removed connect cables as required to the terminals (see the connection diagram).
3. Place the carrier unit over the back box and use the supplied screws to secure the carrier to the back box.
4. Refit flexible element to the carrier unit.
5. Refit the cover by locating the bottom of the cover first then pushing the top back/clip into position.
6. Test the call point functionality and reset.

Flush mounting

The flush mounting of MAGPRO-CP call point can be fitted into a standard UK single gang back box with a depth of 25mm or greater. The fitting/assembly and wiring of the MAGPRO-CP flush fitting is the same as for the surface mount fitting.

LED Indication



Testing the operation

