

Instruction Manual

D9000A MCP

General Description

The **D9000A MCP** is a manual addressable fire detector designed for use in addressable fire alarm systems that support the DMTEch communication protocol. The D9000A MCP has a built-in isolator module that, when used, ensures continuous circuit operation in the event of a short circuit and without the need for an additional isolator module. The fire detector receives power from the addressable panel and can be controlled by the communication protocol.

Technical data

- Manual call point for wall mounting.
- DMTEch protocol
- Certified according EN 54-11:2001/A1:2005 type A and EN54-17:2005/AC:2007
- LED indication
- Built-in isolator
- Operating element - unbreakable (recoverable)
- Protective plastic cover
- Supply voltage from panel FP9000A
- Consumption
 - current consumption in Duty mode <math>< 500\mu\text{A}/28\text{ V DC}</math>
 - current consumption in, with communication 2.0mA
- Connecting wires 0.5mm² - 2.0mm²
- Operating temperature -10°C up to +65°C
- Resistance to relative humidity (93 ± 3)% at 40°C
- Degree of protection IP40
- Weight ~90g
- Sizes 90x45mm
- Material (plastic)- ABS
- Color - red



Operation principle

In standby mode the operating element of the manual button is in the middle position and its LED does not illuminate. When the work item is pressed, it moves down, a colored bar appears at the top, the fire detector enters Alarm mode and its LED lights up. Restoring the fire detector in standby mode is done with the key - its long part is inserted into the test hole (on the bottom of the fire detector) and pressed up until the operating element returns to the middle (neutral) position - a click is heard.

Mounting of the manual button

Caution: Turn off the circuit voltage before installing the fire detector!

1. Using the key located on the mounting hole at the bottom of the fire detector, separate the two parts of the detector.
2. Mount the base to the wall, positioning the cable ducts up and left to right. If necessary, break the plug to the cable duct to run the cables.
3. Remove the terminal and connect the cables to the corresponding feathers in the wiring diagram (Fig. 1).

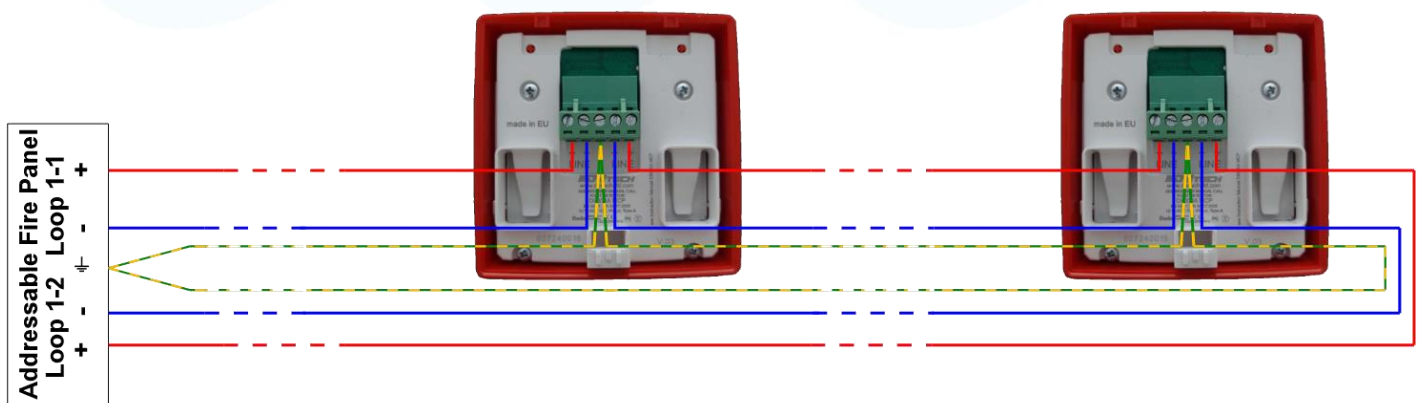


Fig. 1

4. Close both parts by pressing the front to the base.
5. Set the address of the manual button using the programmer or directly from the panel.
6. Test the manual button on the communication control panel and test the fire detector work item.
7. Restore the manual button in standby mode with the key.
8. In normal standby mode, the LED flashes every 16 seconds

Service support

- External inspection for mechanical damages and dirt - once a year;
- Verification of performance - one a year;
- Prophylactic cleaning - depending on the environment.

Warranty

The manufacturer guarantees that the product complies with EN 54-11 and EN54-17.

The warranty period is 36 months from the date of sale, provided that:

- storage and transport conditions are met;
- the commissioning is carried out by authorized persons;
- the operating requirements set out in this manual are observed.
- the defects are not caused by natural phenomena and failures of the power supply network.

If a warranty repair is required, please contact your supplier.

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DMTech wishes you pleasant work!