



## MANUAL CALL POINTS

### ROP-3000 and ROP-3000H

(addressable, in wall plaster and on wall plaster versions)

#### Purpose

ROP-3000 and ROP-3000H manual call points are addressable elements designed to send information about the fire to the interoperating fire alarm control panel by a person who notices the fire and manually initiates the call point.

Manual call points ROP-3000/3000H can cooperate with the POLON 3000 fire alarm system detection lines/loops.

ROP-3000 is designed to be installed indoors, while ROP-3000H is designed for outdoor installation.

#### Principles of operation

ROP-3000 and ROP-3000H manual call points are actuated (they switch contacts) after striking the protective glass and pressing the alarm button.

This is B type button according to EN 54-11:2004. The manual call points are equipped with internal short circuit isolators. The alarm mode is signalled by a red flashing of two-color LED diode, which confirms initiation of the fire alarm system.

The electronic system of the call point monitors the micro-switch contact resistance; in an event of worsening parameters of the micro-switch the control panel is properly notified of the status. Same situation occurs in case the short circuit isolator is initiated and the fault/damage of the EEPROM memory used to address the call point. These events, being of a fault status, are signalled by a yellow flashing LED diode and cause an appropriate fault signal notifying the damage in the control panel.

The manual call point addressing is made automatically from the control panel - the address code is saved in its non-volatile memory.

#### Design

The manual call points come in a standard red plastic casing. The hinged transparent cover made of unbreakable plastic protects the element against accidental activation of the call point.

Testing of the call points is carried out by analogue initiation the same way as in case of actual fire, that is by striking the cover or applying pressure to it and pressing the alarm button afterwards. The quiescent state is set back after using a special key.

The ROP-3000H manual call point is equipped with additional seal inside the case, which protects the electronics against weather conditions.

Standard versions of ROP-3000 and ROP-3000H are intended for semi-flush (in wall plaster) installation.

Surface mounting of ROP-3000H requires using a special masking frame RM-60-R (ordered separately).

Surface (on wall plaster) version of ROP-3000 is manufactured in one-piece compact casing to which masking frame RM-60-R is NOT required.

#### Technical specifications

Operating voltage	16.5 ÷ 24.6 V
Quiescent mode current consumption	< 140 µA
Address coding	from the control panel
Connection cable diameter	0.8 – 1.2 mm
Connection cable reserve	15 cm
Diameter of the hole for semi-flush installation	Ø 80 x 22 mm (min)
Ingress protection:	
ROP-3000	IP 30
ROP-3000H	IP 55
Operating temperature range:	
ROP-3000	from -25 °C to +55 °C
ROP-3000H	from -40 °C to +70 °C
Dimensions	102 x 98 x 46 mm
Mass	0.16 kg

#### Note

The CNBOP-PIB, Notified Body No. 1438 has been issued for the product the national certificate of constancy of performance confirming the possession of technical features/parameters required by EN 54-11:2001 + A1:2005, EN 54-17:2005 + AC:2007.

The features/technical parameters above that exceeds the requirements of the aforementioned standards and other features/parameters specified in this datasheet that are not specified in the mentioned standards are confirmed by the Manufacturer.

For the product the manufacturer has issued a declaration of performance.

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