# PU-61 AND PW-61 PUSH BUTTONS

## Overview

The fire extinguishing buttons are designed for manual activation (the PU-61 button) or for aborting (PW-61) the fire extinguishing process. They can be used in lines of the automatic fire extinguishing controllers IGNIS 1520M and POLON 4500 manufactured by POLON-ALFA.
These control buttons are designated for indoor installation.

## Principles of operation

The buttons are activated after striking or firmly pressing the front cover glass pane, which opens the panel and pressing the control switch.
There is a yellow LED diode built in the user panel, which confirms the activation of the button by a flashing light.
The point arrows change colour from black to yellow simultaneously while the internal switch is pressed.
The button may be reset using a special key, which locks the front glass cover to its original state (the cover should be held during the resetting operation).
The push button tests are performed the same way as in case of a fire that means by striking or firmly pressing the front glass pane and next pressing the switch. The special key allows resetting the button.

## Design

The push button casing is made of plastic:
- yellow – the PU-61 stable button with a 'START EXTINGUISHING' inscribed on the top,
- blue – the PW-61 unstable button with a 'STOP EXTINGUISHING' inscribed on the top,
- white – the PB-61 stable button with an 'BLOCK EXTINGUISHING' inscribed on the top.

Inside the case, there is a circuit with a built-in switch, output connectors, and a yellow signal LED diode.
The push button is equipped with an appropriate inlet with a seal gland for connection of wires.

The PU-61 and PW-61 push buttons can be ordered together with additional User Instructions, which should be hanged next to them, providing information on how to use the buttons.

## Technical specifications

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| Max. load capacity of contacts | 0.1 A/30 VDC |
| Max. connecting wire diameter | 1.2 mm |
| Reserve for connecting wires | 15 cm |
| Ingress protection | IP 30 |
| Operation temperature range | from -25 °C to +55 °C |
| Dimensions | 102 x 98 x 46 mm |
| Hole dimensions for semi-flush mounting | |
| | Ø 80 x 22 mm (minimum) |
| Masa | < 0.22 kg |

## CAUTION

The push buttons are designed for SEMI-FLUSH installation and a special assembly frame should be used for FLUSH installation.