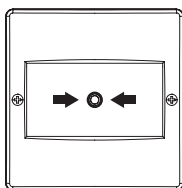# Analogue push-button

## 1. Introduction

The analogue push-button provides the fire detection system with a manual alarm activation point.

The alarms activated by the push-button will be detected by the analogue alarm control panel.

The push-button module is suitable for indoor use and alerts its users to a fire in its early stages.
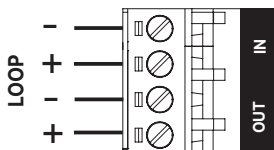
| | |
|---|---|
| Analogue push-button with isolator | PAE-550-AI |
| Analogue push-button | PAE-550-A |

## 2. Installation

The push-button module must be installed on the wall at a height between 0.8 and 1.2 metres from the floor and one must be placed at each exit of the site.

The distance between installed push-button modules must be no greater than 25 metres.

The fire protection system must be connected according to the following wiring diagram, always with the power supply disconnected.



The push-button module does not require an auxiliary power supply, as it is powered directly from the loop.
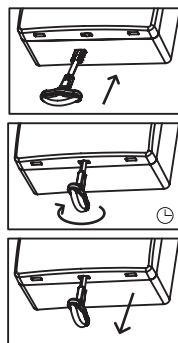
## Addressing

The push-button is part of the analogue system, and requires addressing so that it can be identified by the alarm control panel.

They can be numbered from 1 to 250 using the PGE-100 programmer and occupy a number of consecutive addresses in the loop equal to the sum of their inputs and outputs.

For numbering, insert the programmer cable into the push-button via the LOOP IN connector.

### Resetting the push-button module

After it has been activated, the push-button module can be reset with the supplied key.
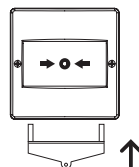
**1**
Insert the key

**2**
Turn the key 90º

**3**
Pull it outwards until you hear the activation "click".

## 3. Testing and maintenance

Push-button maintenance consists of performing a visual inspection of its condition and an activation test.



## 4. Technical characteristics

| Push-button | Working voltage:<br>Consumption on standby:<br>Consumption during alarm:<br>Type: | 31 to 40 VDC<br><300 µA<br><40 mA<br>A-INDOOR USE |
|---|---|---|
| Wiring | 2 × 1.5 mm² twisted pair and shielded | |
| Environment | Working temperature:<br>Relative humidity:<br>IP rating: | From -10ºC to 40ºC<br>95% non-condensing<br>IP33 |
| Physical characteristics | Dimensions:<br>Material: | 98×98×48 mm.<br>ABS |
| Certification | EN 54-11 / EN 54-17 | |

For detailed characteristics, scan the following QR code.