Warnings

⚠️ The alarm and pushbuttons must be installed in a place protected from vibrations, water and corrosive gases, where the ambient temperature does not exceed the value indicated in the technical data.

The station must be installed in a place where the regular presence of people who can alert to the presence of alarms is guaranteed.

Neither the alarm nor the pushbutton are suitable for areas classified as potentially explosive.

ℹ️ The pushbutton must be installed inside the cold room, in a visible place and no higher than 125 cm from the ground.

Wiring

Always disconnect the power supply to do the wiring.

The wiring between the pushbutton and the station must NEVER be installed in a conduit together with power, control or power supply cables.

Indicator lights

Alarm Pushbutton

15V

ALARM STATION

Input x

15V in

Gnd

15V OUT
Configuration
Use in: AKO-55424 / AKO-555241 / AKO-555242 / AKO-558241 / AKO-558242

Step 1:
Once the pushbutton has been connected, connect the power supply of the station. Before 2 minutes have passed, press the “AUTOCONFIG” pushbutton 5 consecutive times.

Step 2:
Press the “AUTOCONFIG” pushbutton for 5 seconds; the alarm will emit 5 short tones. Configuration is completed.

⚠️ For a correct detection of inputs, all devices must be correctly connected and in NO ALARM mode, including the devices connected in digital inputs.

Once configured, the display shows the indicator corresponding to the device detected at each input in green:

Luminous pushbutton
Use in: AKO-55323 / AKO-55123 / AKO-55120
The unit is supplied as ready-to-use; no configuration is required

Operation

Activating the alarm
Press the alarm pushbutton

Deactivating the alarm
Slightly rotate the alarm pushbutton in the clockwise direction.

Maintenance
Clean the surface of the unit with a soft cloth, water and soap.
Do not use abrasive detergents, petrol, alcohol or solvents, as this might damage the sensor.

Technical specifications

<table>
<thead>
<tr>
<th>Power supply</th>
<th>15 Vdc ± 3 Vdc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working ambient temperature</td>
<td>-50 °C to 50 °C</td>
</tr>
<tr>
<td>Storage ambient temperature</td>
<td>-50 °C to 70 °C</td>
</tr>
<tr>
<td>Protection degree</td>
<td>IP 65</td>
</tr>
<tr>
<td>Installation category</td>
<td>II s/ EN 61010-1</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>II s/ EN 61010-1</td>
</tr>
<tr>
<td>Maximum pushbutton wiring distance</td>
<td>300 m</td>
</tr>
<tr>
<td>Dimensions</td>
<td>202 mm (W) x 82 mm (H) x 84.4 mm (D)</td>
</tr>
</tbody>
</table>