1. Features

Filter elements are economically used only if their dirt holding capacity is fully exploited. A reliable indication of the optimal time to replace the element is therefore vital. These maintenance indicators include an AMP Junior-Power-Timer plug connection and are available in normally open or normally closed contact type version. Thanks to the Filtration Group modular system these maintenance indicators can be used with all Filtration Group pressure filters.
2. Differential pressure indicators

![Fig. 1]

![Fig. 2]

<table>
<thead>
<tr>
<th>Nominal pressure [bar]</th>
<th>Temperature [°C]</th>
<th>Type</th>
<th>Order number</th>
<th>Indicator setting [bar]</th>
<th>Indication</th>
<th>Contact type*</th>
<th>Fig.</th>
<th>Material housing</th>
<th>Material plug connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>-30 - +120</td>
<td>PIS3203/2.2</td>
<td>70520455</td>
<td>2.2</td>
<td>electr.</td>
<td>norm. closed</td>
<td>1 + 2</td>
<td>Al</td>
<td>PA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PIS3206/2.2</td>
<td>70520459</td>
<td></td>
<td></td>
<td>norm. open</td>
<td>1 + 2</td>
<td></td>
<td></td>
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<tr>
<td>400</td>
<td>-30 - +120</td>
<td>PIS3204/5.0</td>
<td>70520457</td>
<td>5.0</td>
<td>electr.</td>
<td>norm. closed</td>
<td>1 + 2</td>
<td>CuZN</td>
<td>PA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PIS3207/5.0</td>
<td>70520460</td>
<td></td>
<td></td>
<td>norm. open</td>
<td>1 + 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Contact type

1 Normally open or normally closed; 1 setting point; AMP Junior-Power-Timer 2.8 2 poles; max. 48 V DC; max. 0.5 A

3. Technical specifications

3.1 Contact type normally open/normally closed

Contact type 1

Types PIS 3203, 3204
Types PIS 3206, 3207

Material seal: NBR*
Max. voltage: 48 V DC
Max. current: 0.5 A
Contact load: 10 VA
Type of protection: IP 65 in inserted and secured status

Plug connection: AMP Junior-Power-Timer 2.8 2 poles

* other seals on request