PRESSURE SWITCHES FOR WATER SYSTEM APPLICATIONS
Type PT, PM

User’s manual
Applications
Pressure switches for use with water in autoclave systems: firefighting systems, water pumps...
The switch ensures automatically the starting and stopping of the electric pump according to the set pressure values.

Construction
• Electric contacts: normally closed and made of brass alloy with Ag-Ni surfacing
• Terminals with M4 screws and 8x8 mm pressure dice
• NBR rubber membrane with textile insert (food grade for PM/5 - PM/6 - PT/5)
• 1/4” F hydraulic connection made of galvanized steel
• Standard protection degree IP 44
• Max ambient temperature: 55°C
• Tear resistant cable clamps

Caractéristiques techniques

<table>
<thead>
<tr>
<th></th>
<th>PM5</th>
<th>PM12</th>
<th>PT5</th>
<th>PT12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>250 V</td>
<td>250 V</td>
<td>500 V</td>
<td>500 V</td>
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<tr>
<td>Rated current</td>
<td>16 A</td>
<td>16 A</td>
<td>16 A</td>
<td>16 A</td>
</tr>
<tr>
<td>Pressure range</td>
<td>1 - 5 bar</td>
<td>3 - 12 bar</td>
<td>1 - 5 bar</td>
<td>3 - 12 bar</td>
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<tr>
<td>Factory setting</td>
<td>1,4 - 2,8 bar</td>
<td>5 - 7 bar</td>
<td>1,4 - 2,8 bar</td>
<td>5 - 7 bar</td>
</tr>
<tr>
<td>Differential (min - max)</td>
<td>0,6 - 2,3 bar</td>
<td>1,5 - 5 bar</td>
<td>0,6 - 2,3 bar</td>
<td>1,5 - 5 bar</td>
</tr>
<tr>
<td>Ambiant temperature</td>
<td>55°C max</td>
<td>55°C max</td>
<td>55°C max</td>
<td>55°C max</td>
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Setting
A) Turn up completely differential nut (1);
B) Adjust range nut (2) to wished cut-in pressure;
C) Turn down differential nut (1) up to wished cut-out pressure.

Contact arrangement
Setting diagram

Min. setting values: Cut-in (bar)

Max. differential value

Min. differential value

Dimensions

Motor

Line

Earth screw

Range nut

Differential nut

4 ways 1/4” Female

1/4” Female revolving nut

1/4” long Male