Applications:
• In connection with PMA fittings with metal thread

Features & Benefits:
• Allows PMA fittings to swivel freely in applications where such movement is occasionally necessary
• With thread edge protection

Ingress protection:
• IP69 / IP68

Materials:
• Nickel-plated brass (other materials e.g. stainless steel available on request)

Compatible with:
• PMAFIX Pro & PMAFIX metal thread fittings

Environmental properties:
• Free from halogens and cadmium
• RoHS and REACH compliant
### Product selection:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Thread size</th>
<th>Dimensions in mm (nom.)</th>
<th>Weight</th>
<th>Packing unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PG (thread 1)</td>
<td>PG (thread 2)</td>
<td>g</td>
<td>d1</td>
</tr>
<tr>
<td>SWA-P09</td>
<td>PG09</td>
<td>PG09</td>
<td>15</td>
<td>7.0</td>
</tr>
<tr>
<td>SWA-P11</td>
<td>PG11</td>
<td>PG11</td>
<td>15</td>
<td>10.5</td>
</tr>
<tr>
<td>SWA-P16</td>
<td>PG16</td>
<td>PG16</td>
<td>15</td>
<td>14.5</td>
</tr>
<tr>
<td>SWA-P21</td>
<td>PG21</td>
<td>PG21</td>
<td>15</td>
<td>18.0</td>
</tr>
<tr>
<td>SWA-P29</td>
<td>PG29</td>
<td>PG29</td>
<td>15</td>
<td>26.0</td>
</tr>
<tr>
<td>SWA-P36</td>
<td>PG36</td>
<td>PG36</td>
<td>15</td>
<td>35.5</td>
</tr>
<tr>
<td>SWA-P48</td>
<td>PG48</td>
<td>PG48</td>
<td>15</td>
<td>45.0</td>
</tr>
<tr>
<td>SWA-M56P48</td>
<td>PG48</td>
<td>M56x2.0</td>
<td>18</td>
<td>40.5</td>
</tr>
</tbody>
</table>

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time.
Thermal properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters:</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous application temperature</td>
<td>-50 ... +105 °C</td>
<td></td>
<td>PMA DO 9.21-4510</td>
</tr>
</tbody>
</table>

Fire safety properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters:</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation test with lateral forces</td>
<td>&gt; 10'000 rotations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For applications (robotics) involving frequent/fast movements we recommend a swivel adapter with ball bearings.

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**Content of delivery:**
- Complete adapter with special sealing and thread edge protection
- Thread gasket for internal thread
- Flat gasket for external threads (SVN4)
- O-ring

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**Assembly instructions:**
- Please consider the appropriate assembly instructions on www.pma.ch

This component provides no electrical continuity.

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