**TECHNICAL DATA SHEET**

**PMA Accessories - MPNK-M - Metal fitting**
**IP68, metric thread**

Special metal fitting for overbraided conduits with metric thread

**Applications:**
- For high temperature applications
- In railway vehicle construction
- For high loads

**Features & Benefits:**
- Very high impact resistance
- High thread and system connection strengths
- Vibration-proof connection to PMA conduits
- Easy installation
- High conduit pull-out strength
- Very good weather resistance
- Fits both conduit profiles - fine (T) and coarse (G)

**Ingress protection:**
- IP68 stat. / IP67 dyn.

**Temperature range:**
- Temperature range stat. application (-60...+260°C)
- Temperature range dyn. application (-45...+260°C)
- System temperature dictated by conduit Type - (please see specific conduit data sheet)

**Environmental properties:**
- Free from halogens and cadmium
- RoHS and REACH compliant

**Materials:**
- Nickel-plated brass
- Seals are made from silicon

**Compatible with:**
- All PMA conduits
- Specifically for high temperature applications:
  - PMAFLEX Pro, Type PHT and PSX
### Product selection:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Thread size</th>
<th>Conduit size</th>
<th>Dimensions in mm (nom.)</th>
<th>Weight</th>
<th>Packing unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>metric</td>
<td>NW</td>
<td>g</td>
<td>L</td>
<td>d1</td>
</tr>
<tr>
<td>MPNK-M160</td>
<td>M16 x 1.5</td>
<td>10</td>
<td>12.0</td>
<td>33.4</td>
<td>12.0</td>
</tr>
<tr>
<td>MPNK-M162</td>
<td>M16 x 1.5</td>
<td>12</td>
<td>12.0</td>
<td>35.4</td>
<td>11.5</td>
</tr>
<tr>
<td>MPNK-M207</td>
<td>M20 x 1.5</td>
<td>17</td>
<td>14.0</td>
<td>38.3</td>
<td>15.8</td>
</tr>
<tr>
<td>MPNK-M253</td>
<td>M25 x 1.5</td>
<td>23</td>
<td>15.0</td>
<td>45.0</td>
<td>19.0</td>
</tr>
<tr>
<td>MPNK-M329</td>
<td>M32 x 1.5</td>
<td>29</td>
<td>18.0</td>
<td>52.4</td>
<td>26.4</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>Test parameters:</th>
<th>Value:</th>
<th>Test method:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range stat. application</td>
<td>– 60 ... + 260 °C</td>
<td></td>
</tr>
<tr>
<td>Temperature range dyn. application</td>
<td>– 45 ... + 260 °C</td>
<td></td>
</tr>
</tbody>
</table>

System temperature dictated by conduit TDS - (please see specific conduit data sheet)

### Content of delivery:
- Metal connector
- Conduit sealing ring
- Thread gasket (SVN4) and O-ring (two alternatives)

### Assembly instructions:
- Please use either O-Ring or thread gasket
- In case of using the thread gasket the pre-assembled O-Ring needs to be removed

Please consider the appropriate assembly instructions on www.pma.ch