## TECHNICAL DATA

### ODU MEDI-SNAP®

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>C00.520.100.160. _ _ _</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of connector</td>
<td>Break-Away Plug (AS2MC7-016MFG0-0000) incl. cable assembly</td>
</tr>
<tr>
<td>Orientation</td>
<td>Straight</td>
</tr>
<tr>
<td>Number of contacts</td>
<td>16</td>
</tr>
<tr>
<td>Termination of contact</td>
<td>Solder contact</td>
</tr>
<tr>
<td>Contact type</td>
<td>Pin</td>
</tr>
<tr>
<td>Contact diameter</td>
<td>0,7</td>
</tr>
<tr>
<td>Wire cross section [AWG]</td>
<td>22 Coding C 60°</td>
</tr>
</tbody>
</table>

### DIMENSIONS

- **Coding:** 60°
- **Positions:** 16

### TECHNICAL INFORMATION

#### ENVIRONMENTAL
- Degree of protection: IP64 / IP67 in mated condition
- Operating temperature range: -5°C to +70°C
- Mating cycles: 2000

#### MATERIAL DESIGNATION
- Housing material: PSU
- Color of housing: Grey
- Contact material: Brass
- Plating material: Au

#### ELECTRICAL
- Current rating nominal: 3.25 A Acc. to VDE 0298-4:2013 at 40°C ambient temperature
- Current rating single wire: 6.5 A Acc. to VDE 0891-1:1990 at 40°C ambient temperature
- Voltage rating: 32 V AC Acc. to IEC 60664-1:2011
- Test voltage: 550 V Acc. to IEC 60664-1:2011
- Pollution degree: 2 Acc. to IEC 60664-1:2011
- Voltage rating: 530 V Acc. to SAE AS 13441:2004 method 3001.1
- Test voltage: 1600 V Acc. to SAE AS 13441:2004 method 3001.1

### CHOOSE MATING RECEPTACLE / IN-LINE RECEPTACLE INCL. CABLE ASSEMBLY

- G12MC7-P16LFG0-0001
- G52MC7-P16LFG0-0071
- G42MC7-P16LFG0-0071
- C00.520.150.160.001

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1. With proper ODU MEDI-SNAP Receptacle style 4 (G42MC7-P16LFG0-0071)
2. With proper ODU MEDI-SNAP In-Line receptacle (C00.520.150.160.001)
3. Occasional movement

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## TECHNICAL DATA

### ODU MEDI-SNAP®

**ORDER INFORMATION: Plug including cable assembly**

Plug including cable and cable assembly, cable end cut
Assembled with PVC cable, grey

<table>
<thead>
<tr>
<th>Number of contacts</th>
<th>Color plug and overmolding</th>
<th>Cable length [L] PVC-cable</th>
<th>Cable diameter [D]</th>
<th>Conductor cross-section</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0.25m</td>
<td>0.75m</td>
<td>2.00m</td>
</tr>
<tr>
<td>16</td>
<td>Grey</td>
<td>C00.520.100.160.001</td>
<td>C00.520.100.160.002</td>
<td>C00.520.100.160.003</td>
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<tr>
<td>16</td>
<td>White</td>
<td>C00.520.100.160.004</td>
<td>C00.520.100.160.005</td>
<td>C00.520.100.160.006</td>
</tr>
</tbody>
</table>

Plug including cable and cable assembly, cable end cut
Assembled with PUR cable, black

<table>
<thead>
<tr>
<th>Number of contacts</th>
<th>Color plug and overmolding</th>
<th>Cable length [L] PUR-cable</th>
<th>Cable diameter [D]</th>
<th>Conductor cross-section</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0.25m</td>
<td>0.75m</td>
<td>2.00m</td>
</tr>
<tr>
<td>16</td>
<td>Black</td>
<td>C00.520.100.160.007</td>
<td>C00.520.100.160.008</td>
<td>C00.520.100.160.009</td>
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