TECHNICAL DATA

ODU MEDI-SNAP®

PART NUMBER

Type of connector
Break-Away Plug (A52MC7-005MM9-0000) incl. cable assembly

Orientation
Straight

Number of contacts
5

Termination of contact
Solder contact

Contact type
Pin

Contact diameter
1,3 / 0,9

Wire cross section [AWG]
14 / 20

Mechanical coding
Coding C 60°

DIMENSIONS

Coding: 60° Positions: 5

TECHNICAL INFORMATION

ENVIRONMENTAL

Degree of protection
IP64^1 / IP67^2 in mated condition

Operating temperature range^3
PVC-cable: -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
12 A / 7 A Acc. to VDE 0298-4:2013 at 40°C ambient temperature

Current rating single wire
16 A / 9.25 A Acc. to VDE 0891-1:1990 at 40°C ambient temperature

Voltage rating
32 V AC Acc. to IEC 60664-1:2011

Voltage rating
250 V AC Acc. to IEC 60601-1:2005+A1:2012 (2 MOPP / 2 MOOP)

Test voltage
1000 V Acc. to IEC 60664-1:2011

Pollution degree
3 Acc. to IEC 60664-1:2011

Voltage rating
360 V Acc. to SAE AS 13441:2004 method 3001.1

Test voltage
1100 V Acc. to SAE AS 13441:2004 method 3001.1

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

G42MC7-P05LMM9-0071
C00.520.150.050.001

^1 With proper ODU MEDI-SNAP Receptacle style 4 (G42MC7-P05LMM9-0071)

^2 With proper ODU MEDI-SNAP In-Line receptacle (C00.520.150.050.001)

^3 Occasional movement
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>
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<tbody>
<tr>
<td></td>
<td></td>
<td>0,25m</td>
<td>0,75m</td>
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<td></td>
<td></td>
<td>[mm]</td>
<td>[mm²]</td>
<td>[AWG]</td>
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<td>5</td>
<td>Grey</td>
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<td>8,5</td>
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