TECHNICAL DATA

ODU MINI-SNAP®

PART NUMBER
G82L0Q-P16RC00-00V0

Type of connector
Receptacle for rear panel installation

Orientation
Straight

Number of contacts
16

Contact type
Pin

Termination of contact
Print

Contact diameter
0.5 mm

Termination diameter
0.5 mm

Nominal current (single contact / insert)
4.2 / 2.1 A

Nominal voltage acc. to IEC 60664
32 V AC

Mechanical coding
0°

DIMENSIONS

Coding: 0° Positions: 16

AF: 13.6 mm Ø: 15.1 mm

TECHNICAL INFORMATION

ENVIRONMENTAL

Degree of protection
IP 50 in mated condition¹
IP 68 in unmated condition

He leakage rate
< 1 x 10⁻⁸ mbar l/s (tested at < 10⁻⁹ mbar l/s) acc. to DIN EN 60512-14-2:2006

Operating temperature range
-20°C to +120°C

Mating cycles
5000

Durability
Autoclavable (500 autoclaving cycles, according to DIN EN 13060;2015)

MATERIAL DESIGNATION

Housing material / surface
Aluminum / chrome-plated

Plating material (contact)
Au

Sealing
FKM

Insulator Material
Glass, PEEK

CHOOSE MATING PLUG

S120C-P16LCD0-__00
S220C-P16LCD0-__0S
W120C-P16LCD0-__00²
W220C-P16LCD0-__0S²
A120C-P16LCD0-__00²
A220C-P16LCD0-__0S²

¹ IP50: With proper ODU MiNi-SNAP Push-Pull and Break Away Plugs
² Support of HDMI®2.0 depends on the respective application. For further information please contact zentral@odu.de

Demand of special surface roughness and special pin layout, more information up on request
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### ODU MINI-SNAP®

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<table>
<thead>
<tr>
<th>Number of contacts</th>
<th>Contact type</th>
<th>He leakage rate according to DIN 49732-14-2:2006</th>
<th>Insulator material</th>
<th>Data transfer protocol</th>
<th>Data transfer rate</th>
<th>Nominal current (single contact / insert)</th>
<th>Nominal voltage acc. to IEC 60664</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>pin</td>
<td>$&lt; 10^{-8}$ mbar l/s</td>
<td>glass + PEEK</td>
<td>HDMI® 2.0</td>
<td>14.4 Gbit/s</td>
<td>4.2 / 2.1 A</td>
<td>32 V AC</td>
</tr>
</tbody>
</table>

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