TECHNICAL DATA

ODU MINI-SNAP®

PART NUMBER

G81L0Q-PD8RC00-00V0

Type of connector
Receptacle for rear panel installation

Orientation
Straight

Number of contacts
8

Contact type
Pin

Termination of contact
Print

Contact diameter
0.5 mm

Termination diameter
0.5 mm

Nominal current (single contact / insert)
3.8 / 2.4 A

Nominal voltage acc. to IEC 60664
32 V AC

Mechanical coding
0°

DIMENSIONS

Coding: 0°

Positions: 8

TECHNICAL INFORMATION

ENVIRONMENTAL

Degree of protection
IP 50 in mated condition

He leakagrate
< 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

S11L0C-PD8LC00-__00
S21L0C-PD8LC00-__0S
W11L0C-PD8LC00-__00
W21L0C-PD8LC00-__0S
A11L0C-PD8LC00-__00
A21L0C-PD8LC00-__0S

1 IP50: With proper ODU MINI-SNAP Push-Pull and Break Away Plugs

2 Support of Ethernet [CAT 5] 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®

**PART NUMBER:** G81L0Q-PD8RC00-00V0

<table>
<thead>
<tr>
<th>Number of contacts</th>
<th>Contact type</th>
<th>He leakage rate according to DIN EN 60512-14-2:2006</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>0</td>
<td>8 pin</td>
<td>1 &lt; 10⁻⁸ mbar l/s</td>
<td>glass + PEEK</td>
<td>Ethernet [CAT 5]</td>
<td>1 Gbit/s</td>
<td>3.8 / 2.4 A</td>
<td>32 V AC</td>
</tr>
</tbody>
</table>