TECHNICAL DATA

ODU MINI-SNAP®

PART NUMBER

| G80L0Q-PU5RF00-00V0 |

Type of connector
Receptacle for rear panel installation

Orientation
Straight

Number of contacts
5

Contact type
Pin

Termination of contact
Print

Contact diameter
0.7 mm

Termination diameter
0.5 mm

Nominal current (single contact / insert)
4.0 / 3.0 A

Nominal voltage acc. to IEC 60664
10 V AC

Mechanical coding
0°

DIMENSIONS

Coding: 0°
Positions: 5

AF: 8.3 mm
Ø: 9.1 mm

TECHNICAL INFORMATION

ENVIRONMENTAL

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

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

S10L0C-P05LF0G0-__00
S20L0C-P05LF0G0-__0S
W10L0C-P05LF0G0-__00²
W20L0C-P05LF0G0-__0S²
A10L0C-P05LF0G0-__00²
A20L0C-P05LF0G0-__0S²

¹ IP50: With proper ODU MINI-SNAP Push-Pull and Break Away Plugs
² Support of USB® 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
## TECHNICAL DATA

### ODU MINI-SNAP®

#### PART NUMBER:

<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>5</td>
<td>pin</td>
<td>$1 \times 10^{-8}$ mbar l/s</td>
<td>glass + PEEK</td>
<td>USB® 2.0</td>
<td>480 Mbit/s</td>
<td>4.0 / 3.0 A</td>
<td>10 V AC</td>
</tr>
</tbody>
</table>

ODU GmbH Co. KG  
Pregelstrasse 11  
84453 Mühldorf a. Inn  
Tel.: +49 8631 6156-0  
Fax: +49 8631 6156-49  
E-Mail: zentral@odu.de  
Web: www.odu.de