

## TECHNICAL DATA

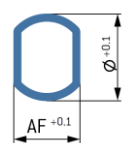
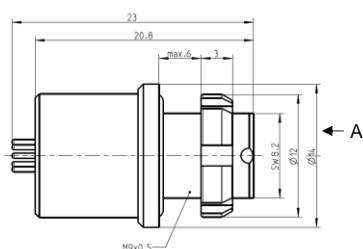
### ODU MINI-SNAP<sup>®</sup>

#### PART NUMBER

G80L0Q-PU5RF00-00V0

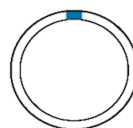
Type of connector	Receptacle for rear panel installation
Orientation	Straight
Number of contacts	5
Contact type	Pin
Termination of contact	Print
Contact diameter	0.7 mm
Termination diameter	0.5 mm
Nominal current (single contact / insert)	4.0 / 3.0 A
Nominal voltage acc. to IEC 60664	10 V AC
Mechanical coding	0°

#### DIMENSIONS

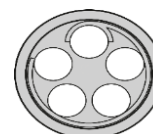


AF: 8.3 mm  
Ø: 9.1 mm

Coding: 0°



Positions: 5



(A)

#### TECHNICAL INFORMATION

##### ENVIRONMENTAL

Degree of protection	IP 50 in mated condition <sup>1</sup> IP 68 in unmated condition
He leakage rate	< 1 x 10 <sup>-8</sup> mbar l/s (tested at < 10 <sup>-9</sup> 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

S10L0C-P05LFG0-\_\_00  
S20L0C-P05LFG0-\_\_0S  
W10L0C-P05LFG0-\_\_00<sup>2</sup>  
W20L0C-P05LFG0-\_\_0S<sup>2</sup>  
A10L0C-P05LFG0-\_\_00<sup>2</sup>  
A20L0C-P05LFG0-\_\_0S<sup>2</sup>

<sup>1</sup> IP50: With proper ODU MINI-SNAP Push-Pull and Break Away Plugs

<sup>2</sup> Support of USB<sup>®</sup>2.0 depends on the respective application. For further information please contact [zentral@odu.de](mailto:zentral@odu.de)

Demand of special surface roughness and special pin layout, more information up on request

## TECHNICAL DATA

### ODU MINI-SNAP®

PART NUMBER:

**G80L0Q-PU5RF00-00V0**

Number of contacts	Contact type	He leakage rate according to DIN EN 60512-14-2:2006	Insulator material	Data transfer protocol	Data transfer rate	Nominal current (single contact / insert)	Nominal voltage acc. to IEC 60664
0 5	pin	$1 < 10^{-8}$ mbar l/s	glass + PEEK	USB®2.0	480 Mbit/s	4.0 / 3.0 A	10 V AC