

**receptacle\_with\_break\_away\_and\_push\_pull\_locking\_for\_front\_and\_rear\_panel\_mounting\_with\_cable\_outlet**

size: 0, IP50, keying: 0, number\_of\_contacts: 2, crimp, contact\_type: sockets, Signal


**Basic information**

<b>Part number</b>	G50LOC-P02NJG0-0000
<b>Category</b>	connector
<b>Type of connector</b>	receptacle
<b>Assembly situation</b>	front_panel_mounting, rear_panel_mounting

**Contact insert description**

<b>Transmission type</b>	Signal
<b>Number of contacts</b>	2
<b>Contact type</b>	sockets
<b>Contact diameter</b>	0.9 mm
<b>Termination type</b>	crimp
<b>Wire cross section AWG</b>	AWG 22 – 26

**Crimp contacts**

Please refer to the installed contacts for the correct crimp settings and the tools to be used.

[175.595.000.207.000](https://www.odu.com/175.595.000.207.000)
**Technical information**

<b>Max. current single contact</b>	7.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
<b>Max. current insert</b>	7.5	VDE 0298-4:2003
<b>Test voltage</b>	1.5 kV AC	SAE AS 13441:1998 method 3001.1
<b>Max. creepage distance (contact to contact)</b>	1 mm (Contact to housing)	
<b>Max. creepage distance (contact to housing)</b>	1.0 mm (Contact to housing)	
<b>Max. clearance distance (contact to contact)</b>	1.0 mm (Contact to contact)	
<b>Max. clearance distance (contact to housing)</b>	1.0 mm (Contact to housing)	

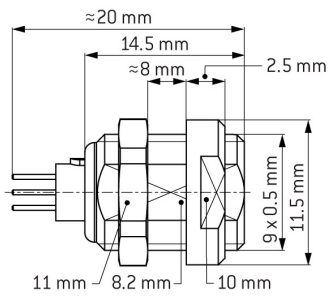
## Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	5.000
IP class	IP50
Max. operating temperature	120 °C
Min. operating temperature	-40 °C
Tightening torque	1.3 Nm
Weight	4.65 g

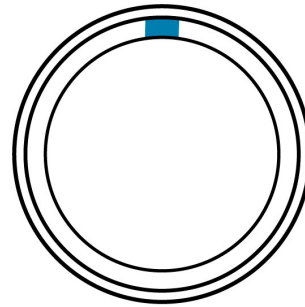
## Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Contact material	gold

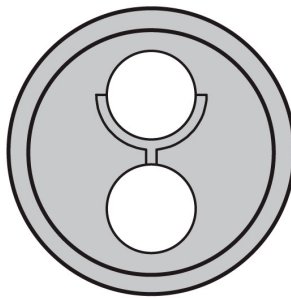
### DIMENSIONS



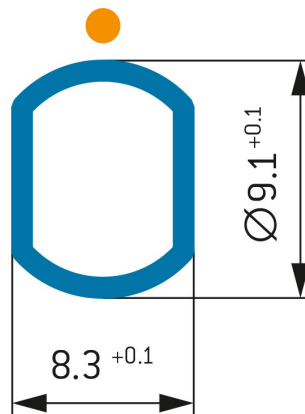
### CODING: 0°



### POSITIONS: 2 Positions



### PANEL CUT OUT:



## Further technical information and downloads

[3D-File \(STP File\)](#)

[Technical specifications](#)