



#### Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | S13LOC-P22NFC0-8200 |
| Category           | connector           |
| Type of connector  | plug                |
| Assembly situation | straight            |
| Size               | 3                   |

#### Contact insert description

|                        |             |
|------------------------|-------------|
| Transmission type      | Signal      |
| Number of contacts     | 22          |
| Contact type           | sockets     |
| Contact diameter       | 0.7 mm      |
| Termination type       | crimp       |
| Wire cross section AWG | AWG 28 – 32 |

#### Crimp contacts

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

[175.603.000.207.000](https://www.odu.com/175.603.000.207.000)

#### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 6 A                         | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 2.7                         | VDE 0298-4:2003                            |
| Test voltage                                 | 1.1 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 0.9 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | 1.2 mm (Contact to housing) |                                            |
| Max. clearance distance (contact to contact) | 0.9 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | 1.2 mm (Contact to housing) |                                            |

**Cable description**

|                     |          |
|---------------------|----------|
| Cable outlet        | back_nut |
| Min. cable diameter | 7        |
| Max. cable diameter | 8.2      |

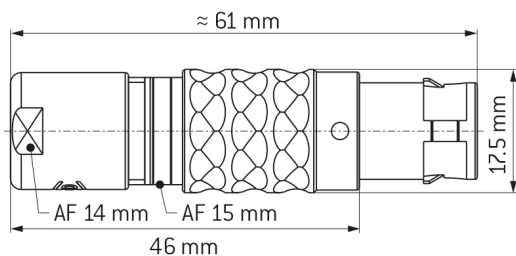
**Mechanical and environmental data**

|                            |           |
|----------------------------|-----------|
| Locking principle          | push_pull |
| Mating cycles              | 5000      |
| IP class                   | IP50      |
| Max. operating temperature | 120 °C    |
| Min. operating temperature | -40 °C    |

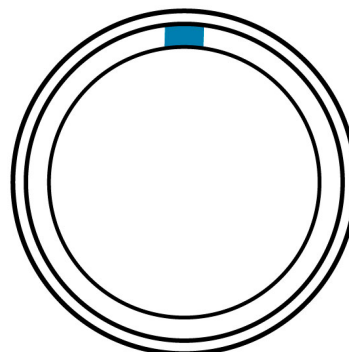
**Material and surface treatments**

|                    |                                  |
|--------------------|----------------------------------|
| Material           | cu_alloy_with_matt_chrome_finish |
| Insulator material | peek                             |
| Contact material   | cu_alloy_with_gold_finish        |

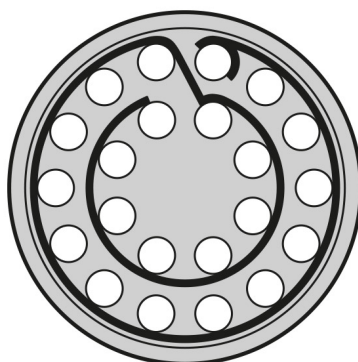
## DIMENSIONS:



## CODING: 0°



## POSITIONS: 22 positions



### Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)