

straight_push_pull_plug_for_bend_relief

size: 0, IP50, keying: 0, number_of_contacts: 4, crimp, contact_type: pins, Ethernet/IP® (100 Mbit/s)



Basic information

| | |
|--------------------|---------------------|
| Part number | S20LOC-P04PFC0-320S |
| Category | connector |
| Type of connector | plug |
| Assembly situation | straight |

Contact insert description

| | |
|------------------------|---------------------------|
| Special features | data_transmission |
| Transmission type | Ethernet/IP® (100 Mbit/s) |
| Number of contacts | 4 |
| Contact type | pins |
| 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.

[185.521.000.207.000](https://www.odu.com/185.521.000.207.000)

Technical information

| | | |
|--|-----------------------------|--|
| Max. current single contact | 6 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert | 6 | VDE 0298-4:2003 |
| Test voltage | 0.9 kV AC | SAE AS 13441:1998 method 3001.1 |
| Max. creepage distance (contact to contact) | 0.8 mm (Contact to housing) | |
| Max. creepage distance (contact to housing) | 1.0 mm (Contact to housing) | |
| Max. clearance distance (contact to contact) | 0.8 mm (Contact to contact) | |
| Max. clearance distance (contact to housing) | 1.0 mm (Contact to housing) | |

Cable description

| | |
|---------------------|-------------------|
| Cable outlet | cable_bend_relief |
| Min. cable diameter | 2 |
| Max. cable diameter | 3.2 |

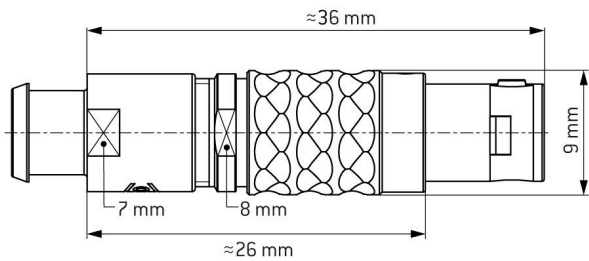
Mechanical and environmental data

| | |
|----------------------------|-----------|
| 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: 4 Positions



Further technical information and downloads

[Connection diagram](#)

[connection_diagram_4_pin_ethernet_100Mbps_rj45](#)

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

[Assembly Instruction](#)

[Technical specifications](#)