S22K0C-PD8MJG0-800S

ODU MINI-SNAP® Series K



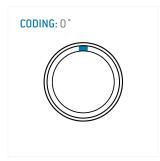
Straight plug for cable bend relief

General information

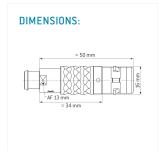
| Part number | S22KOC-PD8MJGO-800S | |
|-------------------|---------------------|-----------------|
| Termination | Solder | |
| Size | 2 | |
| Locking principle | Push-Pull | |
| Coding | 0° | Illustrations m |
| Cable Diameter | 7 – 8 mm | Dimensions, u |
| Cable outlet | Cable bend relief | |



Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.







The pin layout corresponds to the view on the termination area

Contact insert description

| Number of contacts | 8 |
|----------------------|----------------------|
| Contact type | Pins |
| Contact diameter | 0.9 mm |
| Insulator material | PEEK |
| Wire cross section | AWG 22 |
| Termination | Solder |
| Termination diameter | 0.85 mm |
| Data transmission | Ethernet (10 Gbit/s) |

Reverse gender on request

Connection diagram

| Pos. | Color | Pos. | Color |
|------|-------------|------|------------|
| 1 | white/green | 5 | white/blue |
| 2 | green | 6 | blue |
| 3 | white/brown | 7 | white/red |
| 4 | brown | 8 | red |

Technical information

| Max. creepage and air clearance distance | 1.2 mm (Contact to contact) | 0.8 mm (Contact to housing) |
|--|-----------------------------|--|
| Nominal current single contact | 7.5 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Nominal current insert | 4,875 A | VDE 0298-4:2003 |
| Test voltage | 1.5 kV AC | SAE AS 13441:1998 method 3001.1 |

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 V AC / 75 V DC, according to IEC 61140:2016 (VDE 0140-1:2016) Protection against electric shock - Common aspects for installation and equipment. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. In this context, lower voltage ratings may be valid. Warning: Danger to life for operating voltages above 50 V AC / 120 V DC!

Mechanical and environmental data

| Degree of protection* | IP68 |
|-----------------------|-----------------|
| Operating temperature | -40 °C — 120 °C |
| Mating cycles | 5000 |

^{*}mated condition

Material and surface treatments

| Housing | Cu-alloy with matt chrome finish |
|---------|----------------------------------|
| Contact | Cu-alloy with gold finish |

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

The contact arrangement of an ODU data transmission connector differs from a standard data transmission connector due to the robust ODU specific design. However, the ODU design meets the electrical specifications of the respective standard data transmission protocol.

ODU MEDI-SNAP® and MINI-SNAP® are UL-approved [E110586].

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.