

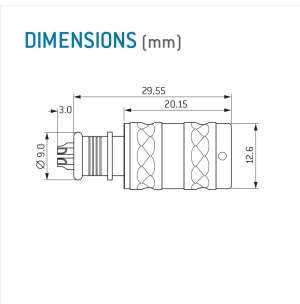
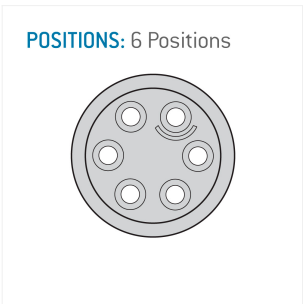
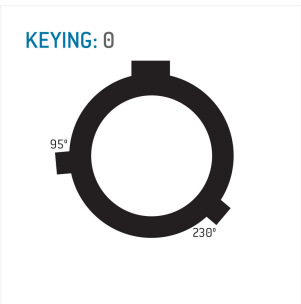


General information

| | |
|-------------------|---------------------|
| Part number | K16NOP-P06W230-0000 |
| Termination | Solder |
| Size | 6 (STANAG 4695) |
| Locking principle | Break-Away |
| Coding | 0 - 95°, 230° |
| Cable Diameter | 3 – 6.35 mm |
| Cable outlet | Overmolding |



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 | 6 |
| Contact type | Sockets |
| Contact diameter | 0.7 mm |
| Insulator material | PEEK |
| Wire cross section | AWG 22 |
| Termination | Solder |
| Data transmission | USB 2.0 (480 Mbit/s) |

Technical information

| | | |
|--------------------------------|---|---------------------|
| Nominal current single contact | 5 A (7.5 mated with high current contact) | EIA-364-70D |
| Test voltage | 0.75 kV AC | EIA-364-20F:2019-02 |

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 | -18 °C – 71 °C |
| Mating cycles | 2000 |

*mated condition

Material and surface treatments

| | |
|---------|-----------------------------------|
| Housing | Aluminum with Black Carbon finish |
| Contact | Cu-alloy with gold finish |

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