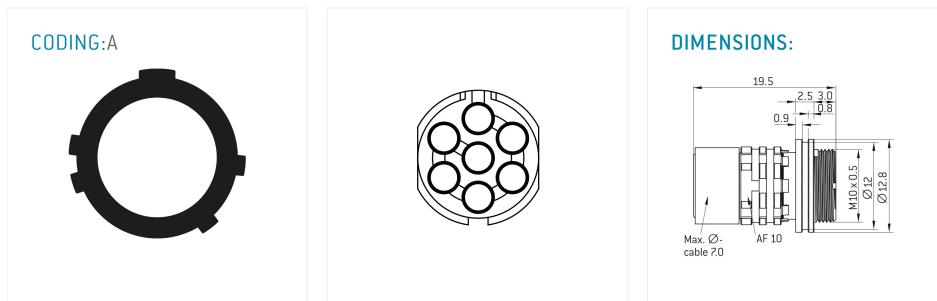


ODU AMC® HD, In-line receptacle with screw-lock

General information

| | | |
|-------------------|--------------------------|---|
| Part number | KCOWAM-P07WFG0-0000 |  |
| Termination | Solder | |
| Size | 0 | |
| Locking principle | Break-Away, Screwlocking | |
| Coding | A (light brown) | |
| Cable Diameter | 3.2 – 7.0 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 | 7 |
| Contact type | Sockets |
| Contact diameter | 0.7 mm |
| Insulator material | PEEK |
| Wire cross section | AWG 22 |
| Termination | Solder |

Reverse gender on request

Technical information

| | | |
|--------------------------------|------------|--|
| Nominal current single contact | 5 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Nominal current insert | 3,25 A | VDE 0298-4:2003 |
| 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* | IP6K8 / IP6K9K |
| Operating temperature | -51 °C – 125 °C |
| Mating cycles | 5000 |

*mated condition

Material and surface treatments

| | |
|---------|--------------------------------|
| Housing | Cu-alloy with ruthenium 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 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.