

## In-line receptacle

### General information

|                   |                       |   |
|-------------------|-----------------------|---|
| Part number       | K11YCR-P04WJG0-0000   |  |
| Termination       | Solder                |   |
| Size              | 1                     |   |
| Locking principle | Break-Away, Push-Pull |   |
| Coding            | C (blue)              |   |
| Cable Diameter    | 3.2 – 6.5 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   | 4                     |
| Contact type         | Sockets               |
| Contact diameter     | 0.9 mm                |
| Insulator material   | PEEK                  |
| Wire cross section   | AWG 22                |
| Termination          | Solder                |
| Termination diameter | 0.85 mm               |
| Data transmission    | Ethernet (100 Mbit/s) |

Reverse gender on request

### Technical information

|                                |           |  |
|--------------------------------|-----------|--|
| Nominal current single contact | 10 A      | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Nominal current insert         | 10 A      | VDE 0298-4:2003                            |
| Test voltage                   | 1.5 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

|                              |                 |
|------------------------------|-----------------|
| <b>Degree of protection*</b> | IP6K8 / IP6K9K  |
| <b>Operating temperature</b> | -51 °C – 125 °C |
| <b>Mating cycles</b>         | 5000            |

\*mated condition

## Material and surface treatments

|                |                                |
|----------------|--------------------------------|
| <b>Housing</b> | Cu-alloy with ruthenium finish |
| <b>Contact</b> | 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.