

In-line receptacle**General information**

Part number	K12KOC-P04NPH0-9000	 <small>Illustrations may differ from original product. Dimensions, unless otherwise specified, in mm.</small>
Termination	Crimp	
Size	2	
Locking principle	Break-Away, Push-Pull	
Coding	0°	
Cable Diameter	8.5 – 9 mm	
Cable outlet	Back nut	



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	4
Contact type	Sockets
Contact diameter	1.3 mm
Insulator material	PEEK
Wire cross section	AWG 20 – 24
Termination	Crimp
Data transmission	Ethernet (100 Mbit/s)

Reverse gender on request

Technical information

Max. creepage and air clearance distance	1.8 mm (Contact to contact)	1.2 mm (Contact to housing)
Nominal current single contact	12 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	12 A	VDE 0298-4:2003
Test voltage	1.95 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.