

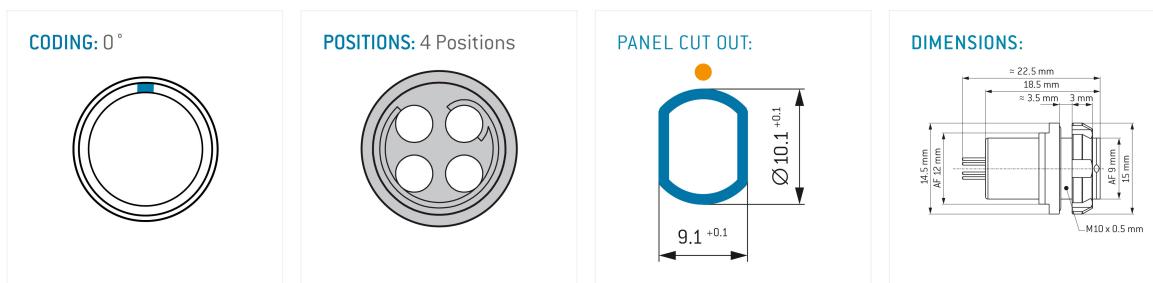
Receptacle for rear panel mounting

General information

Part number	G80BOC-P04QF00-0000
Termination	PCB
Size	0
Locking principle	Break-Away, Push-Pull
Coding	0°



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



Contact insert description

Number of contacts	4
Contact type	Sockets
Contact diameter	0.7 mm
Insulator material	PEEK
Termination	PCB
Termination diameter	0.5 mm
Data transmission	Ethernet (100 Mbit/s)

Reverse gender on request

Technical information

Max. creepage and air clearance distance	0.8 mm (Contact to contact)	1 mm (Contact to housing)
Nominal current single contact	6 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	6 A	VDE 0298-4:2003
Test voltage	0.9 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 & unmated 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.