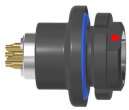


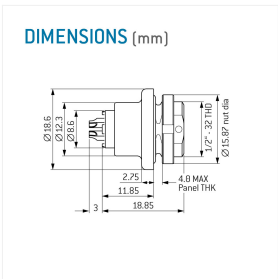
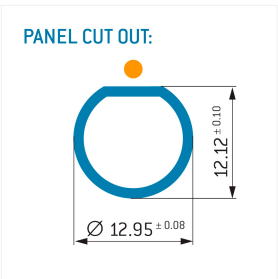
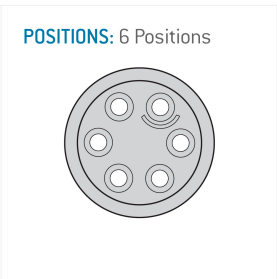
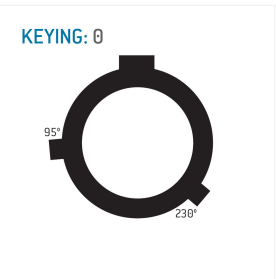
Receptacle for rear panel mounting

General information

Part number	GK6NOP-P06W230-0000
Termination	Solder
Size	6 (STANAG 4695)
Locking principle	Break-Away
Coding	0 - 95°, 230°
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.