

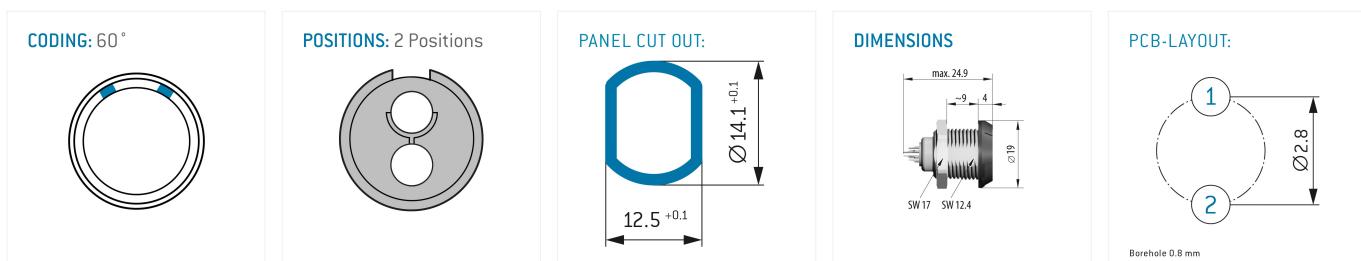
ODU MEDI-SNAP®, Receptacle for front panel mounting

General information

Part number	G11MC8-P02QP00-0030
Termination	PCB
Size	1
Locking principle	Break-Away, Push-Pull
Coding	C (60°)



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	2
Contact type	Sockets
Contact diameter	1.3 mm
Insulator material	PEEK
Termination	PCB
Termination diameter	0.7 mm

Reverse gender on request

Technical information

Max. creepage and air clearance distance	1.3 mm [Contact to contact]	IEC 60601-1: 1MOPP, 2MOOP*
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	1.4 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!

* As per IEC 60601-1:2012 (VDE 0750-1:2013-12). Max working voltage of the medical electrical device 250 V AC (degree of pollution 2).

Mechanical and environmental data

Degree of protection*	IP50
Operating temperature	-50 °C – 120 °C
Mating cycles	5000

*mated & unmated condition

Insulator materials MEDI-SNAP®

	Standard	PEEK
Flammability rating	UL 94	V-0/1.5
Operation temperature		-50 to +250 °C
Dielectric strength	IEC 60243-1:2013 (VDE 0303-21:2014)	19 kV/mm
Comparative figure of the creep resistance CTI	IEC 60112: 2009 (VDE 0303-11:2010)	175
Water absorption	ASTM D 570:1998 / ISO 62:2008	0.1 %
Insulation resistance	IEC 60512-3-1:2002 (DIN EN 60512-3-1:2003-01)	> 1 x 10 ¹² Ω

Material and surface treatments

Housing	PSU black
Color option	White
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.