S12LOC-P04MPH0-5200

ODU MINI-SNAP® Series L

Straight plug

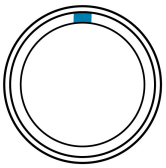
General information

Part number	S12LOC-P04MPH0-5200
Termination	Solder
Size	2
Locking principle	Push-Pull
Coding	0°
Cable Diameter	4 – 5.2 mm
Cable outlet	Back nut

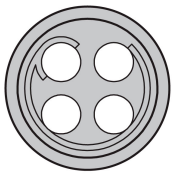


Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.

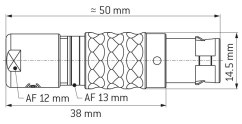
CODING: 0 °



POSITIONS: 4 Positions



DIMENSIONS:



The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	4
Contact type	Pins
Contact diameter	1.3 mm
Insulator material	PEEK
Wire cross section	AWG 20
Termination	Solder
Termination diameter	1.1 mm
Data transmission	Ethernet (100 Mbit/s)

Reverse gender on request

Technical information

Max. creepage and air clearance distance	1.8 mm (Contact to contact)	1.6 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*	IP50
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.