### W22LOC-PD8MJG0-720S

# ODU MINI-SNAP® Series L



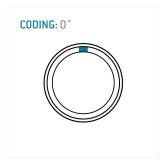
# Right-angled plug for cable bend relief

### **General information**

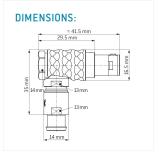
Part number	W22L0C-PD8MJG0-720S	
Termination	Solder	
Size	2	
Locking principle	Push-Pull	
Coding	0°	
Cable Diameter	6 – 7.2 mm	
Cable outlet	Cable bend relief	



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	8
Contact type	Pins
Contact diameter	0.9 mm
Insulator material	PEEK
Wire cross section	AWG 22
Termination	Solder
Termination diameter	0.85 mm
Data transmission	Ethernet (10 Gbit/s)

Reverse gender on request

### **Connection diagram**

Pos.	Color	Pos.	Color
1	white/green	5	white/blue
2	green	6	blue
3	white/brown	7	white/red
4	brown	8	red

#### **Technical information**

Max. creepage and air clearance distance	1.2 mm (Contact to contact)	1.1 mm (Contact to housing)
Nominal current single contact	7.5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Nominal current insert	4,875 A	VDE 0298-4:2003
Test voltage	1.5 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

<sup>\*</sup>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.