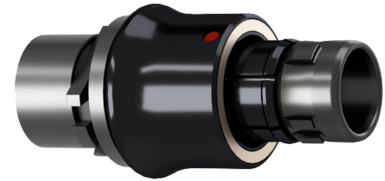


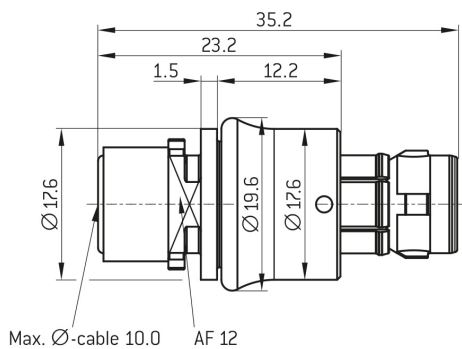
ODU AMC[®] PUSH-PULL PLUG, SIZE 2, IP6K8 / IP6K9K, 8 POS., A (LIGHT BROWN)



- **Part number** S12YAR-PD8XJG0-0000
- **Type of connector** Push-Pull Plug
- **Size** 2
- **Number of contacts** 8
- **Keying** A (light brown)
- **Cable diameter** 10.0 mm



DIMENSIONS:



POSITIONS: 8 positions



CODING: A



Contact Insert Description

Number of contacts	8
Contact type	Pins
Contact diameter	0.9 mm
Insulator material	PEEK
Wire cross section	22 AWG
Termination type	Solder
Termination diameter	0.85 mm

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Technical information

Nominal current single contact	10 A	IEC 60512-5-2:2002
Test voltage	1.5 kV AC	EIA-364-20F:2019-02

All shown connectors are rated to safety extra low voltage (SELV) less than 50 V AC / 75 V DC, according to IEC 61140:2016, Protection against electric shock - Common aspects for installation and equipment (VDE 0140-1:2016). In case that 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. For operating voltages above 50 V AC / 120 V DC, life is in danger!

Mechanical and Environmental data

Degree of protection*	IP6K8 / IP6K9K
Operating temperature	-51°C up to +125°C
Mating cycles	5000
*mated condition	

Material and Surface Treatments

Housing	Al-alloy with ruthenium finish
Contact	Cu-alloy with gold finish

General information

All shown connectors are connectors without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

These ODU specific connectors can transmit common data transmission protocols such as USB[®] 2.0, USB[®] 3.2 Gen1, CAT 5, CAT 6A and Ethernet, but they are not USB[®]-, CAT- and Ethernet-standard connectors

ODU AMC[®] is UL-listed under file E110586.