# **ODU MINI-SNAP<sup>®</sup> SERIES K STRAIGHT** PLUG FOR CABLE BEND RELIEF, SIZE 3, IP68, 30 CONTACTS, 0° KEY



- Part number
- S23K0C-P30MFG0-650S
- Straight plug for cable bend relief • Type of connector

3

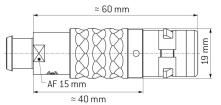
0°

Size

- Number of contacts 30 •
- Keying •
- Cable diameter
- 6 6.5 mm

# **DIMENSIONS:**







# **Contact Insert Description**

Number of contacts	30
Contact type	Pins
Contact diameter	0.7 mm
Insulator material	PEEK
Wire cross section	22 AWG
Termination type	Solder
Termination diameter	0.85 mm
Reverse gender on request	



#### **Technical information**

Max. creepage and air clearance	0.4 mm	0
distance	(Contact to	
	contact)	
Nominal current single contact	7.5 A	IE
Test voltage	0.9 kV DC	S

0.4 mm (Contact to housing)

EC 60512-5-2:2002 (DIN EN 60512-5-2:2003) 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*	IP68
Operating temperature	-40°C - 120°C
Mating cycles	5000
*mated condition	

### **Material and Surface Treatments**

Housing	Cu-alloy with matt chrome finish
Contact	Cu-alloy with gold finish

#### **General information**

This product requires the purchase of a cable bend relief.

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

The respective selected ODU connectors with data transfer functionality can transmit common data transmission such as  $HDMI^{\mbox{\ensuremath{\mathbb{R}}}}$  2.0,  $USB^{\mbox{\ensuremath{\mathbb{R}}}}$  3.2 Gen 1x1, FireWire<sup>®</sup> and eSATA<sup>®</sup>, but they are not  $HDMI^{\mbox{\ensuremath{\mathbb{R}}}}$ , USB<sup>®</sup>-, FireWire<sup>®</sup>- and eSATA<sup>®</sup>-standard connectors.

ODU MEDI-SNAP® and MINI-SNAP® is 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.