K42B0C-P14NFG0-750S

odu_mini_snap® series_b

straight_in_line_receptacle_with_break_away_and_push_pull_locking_for_bend_relief

size: 2, IP68, keying: 0, number_of_contacts: 14, crimp, contact_type: sockets, Signal

ODU®

Basic information

Part number	K42B0C-P14NFG0-750S
Category	connector
Type of connector	in_line_receptacle
Assembly situation	straight
Size	d4735e

Contact insert description

Transmission type	Signal
Number of contacts	14
Contact type	sockets
Contact diameter	ec72e6
Termination type	crimp
Wire cross section AWG	1ecad7

Technical information

Max. current single contact	4232cc	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	3.75	VDE 0298-4:2003
Test voltage	1.1 kV AC	SAE AS 13441:1998 method 3001.1
Max. creepage distance (contact to contact)	0.7 mm (Contact to housing)	
Max. creepage distance (contact to housing)	1.0 mm (Contact to housing)	
Max. clearance distance (contact to contact)	0.7 mm (Contact to contact)	
Max. clearance distance (contact to housing)	1.0 mm (Contact to housing)	

Cable description

Cable outlet	cable_bend_relief
Min. cable diameter	7
Max. cable diameter	7.5

Mechanical and environmental data

Locking principle	break_away , push_pull
Mating cycles	0f8eb4
IP class	IP68
Max. operating temperature	120 ℃
Min. operating temperature	-40 ℃

ip_protection_class_refers_to_mated_condition

Material and surface treatments

Material	cu_alloy_with_matt_chrome_finish
Insulator material	peek
Contact material	cu_alloy_with_gold_finish

Graphics and technical drawings

DIMENSIONS:

≈ 50 mm

16 mm

AF 13 mm — AF 13 mm
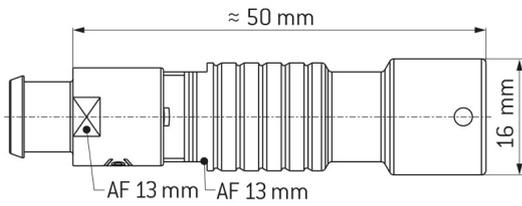
CODING: 0°
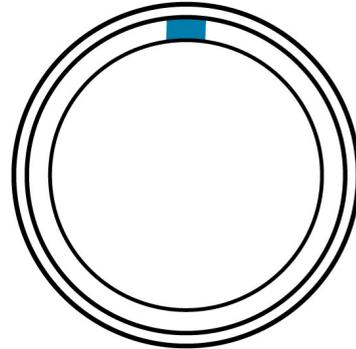
POSITIONS: 14 Positions
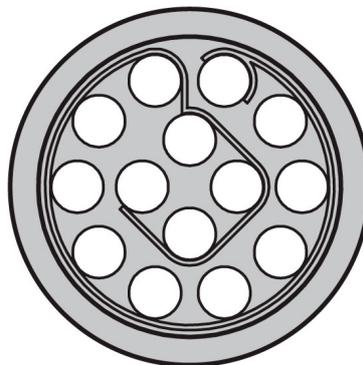
Further technical information and downloads

[3D-File (STP File)](#)