

straight_break_away_plug_for_bend_relief

size_00_ip6k8_ip6k9k_coding_b_red_2_contacts_pins_solder_cup_signal_transmission

	Basic information	
	Part number	A1CWBM-P02XCE0-0000
	Category	connector
	Type of connector	plug
	Assembly situation	straight
	Size	f15343

Contact insert description

Transmission type	Signal
Number of contacts	2
Contact type	pins
Contact diameter	88d6d3
Termination type	solder_cup
Wire cross section AWG	c124da

Technical information

Max. current single contact	61a7f7	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	3 A	VDE 0298-4:2013
Test voltage	1.2 kV DC	EIA-364-20F:2019-02

Cable description

Cable outlet	overmolding
Min. cable diameter	3.2
Max. cable diameter	5

Mechanical and environmental data

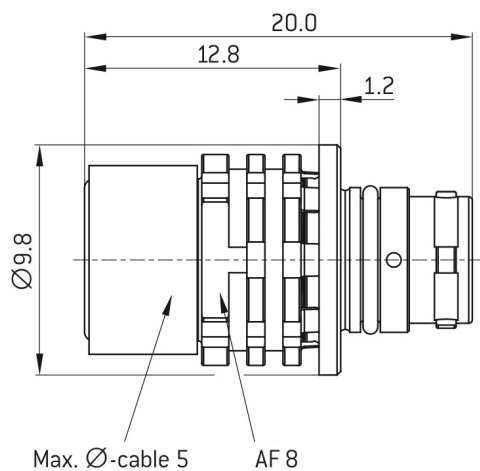
Locking principle	break_away
Keying	b
Mating cycles	0f8eb4
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Weight	3.37 g

ip_protection_class_refers_to_mated_condition

Material and surface treatments

Material	cu_alloy_with_ruthenium_finish
Insulator material	peek
Contact material	gold

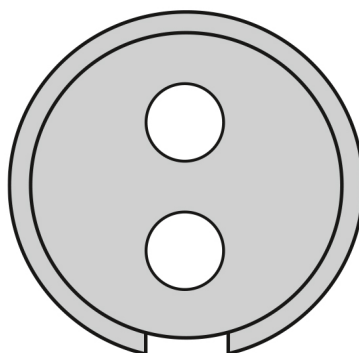
DIMENSIONS:



CODING: B



POSITIONS: 2 positions



Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)