

receptacle_with_break_away_locking_for_rear_panel_mounting

size: 1, IP6K8 / IP6K9K, keying: b, number_of_contacts: 4, pcb, contact_type: sockets, Ethernet/IP® {100 Mbit/s}

**Basic information**

Part number	GK1YBR-P04UJ00-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting
Size	6b86b2

Contact insert description

Special features	data_transmission
Transmission type	Ethernet/IP® {100 Mbit/s}
Number of contacts	4
Contact type	sockets
Contact diameter	2cbf01
Termination type	pcb
Termination diameter	ec72e6

Technical information

Max. current single contact	744f62	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Max. current insert	7	VDE 0298-4:2003
Test voltage	1.5 kV AC	EIA-364-20F:2019-02

Mechanical and environmental data

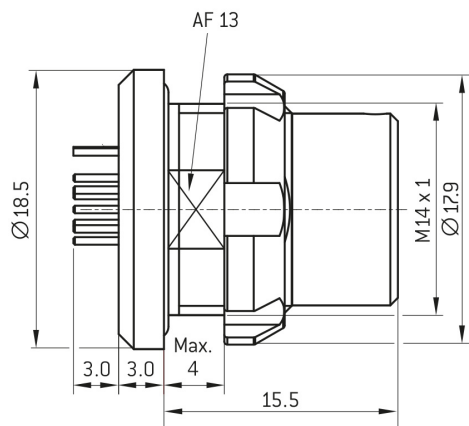
Locking principle	break_away , push_pull
Keying	b
Mating cycles	9e1839
IP class	IP6K8 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	3 Nm
Weight	7.53 g

ip_protection_class_refers_to_mated_condition

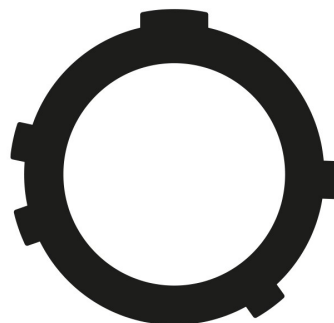
Material and surface treatments

Material	aluminum_with_ruthenium_finish
Contact material	gold

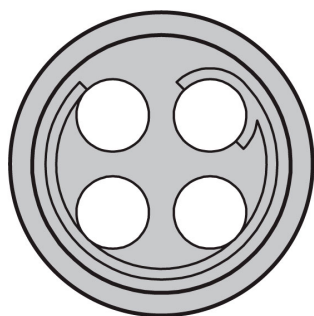
DIMENSIONS:



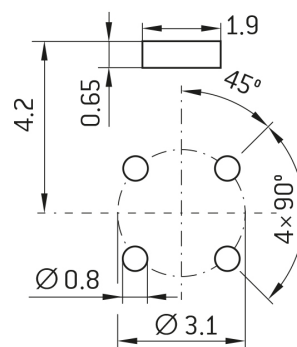
CODING: B



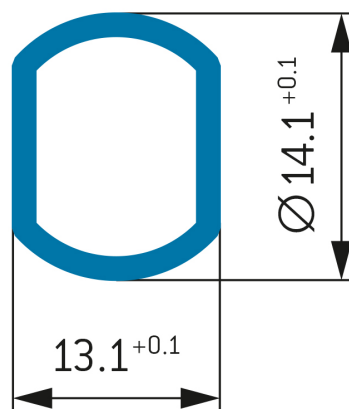
POSITIONS: 4 Positions



PCB-LAYOUT:



PANEL CUT OUT:



Further technical information and downloads

Connection diagram	connection_diagram_4_pin_ethernet_100Mbps_rj45
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[3D-File \(STP File\)](#)

Assembly Instruction
