

## receptacle\_with\_screw\_lock\_for\_rear\_panel\_mounting

size\_0\_ip6k8\_ip6k9k\_coding\_c\_blue\_12\_contacts\_sockets\_pcb\_data\_transmission\_usb®\_3.2\_gen\_1x1\_5\_gbits



### Basic information

Part number	GCOWCM-P12UM00-000L
Category	connector
Type of connector	receptacle
Assembly situation	rear_panel_mounting

### Contact insert description

Special features	data_transmission
Transmission type	USB® 3.2 Gen 1x1 (5 Gbit/s)
Number of contacts	12
Contact type	sockets
Contact diameter	0.3 mm; 0.7 mm
Termination type	pcb
Termination diameter	0.3 mm; 0.8 mm

### Technical information

Nominal current single contact	1 A; 5 A	IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003)
Test voltage	0.75 kV DC	EIA-364-20F:2019-02

### Mechanical and environmental data

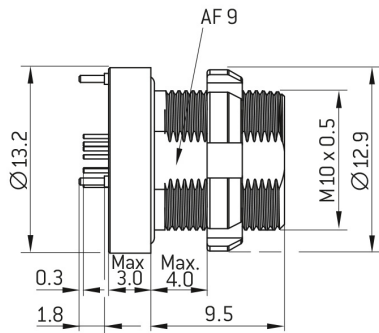
Locking principle	screw_lock
Keying	c
Mating cycles	5000
IP class	IP68 / IP6K9K
Max. operating temperature	125 °C
Min. operating temperature	-51 °C
Tightening torque	1 Nm
Weight	6 g

ip\_protection\_class\_refers\_to\_mated\_condition

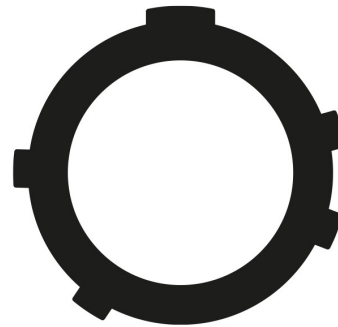
## Material and surface treatments

<b>Material</b>	cu_alloy_with_ruthenium_finish
<b>Contact material</b>	cu_alloy_with_gold_finish

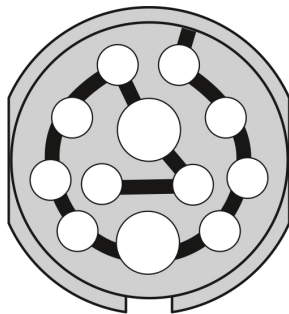
DIMENSIONS:



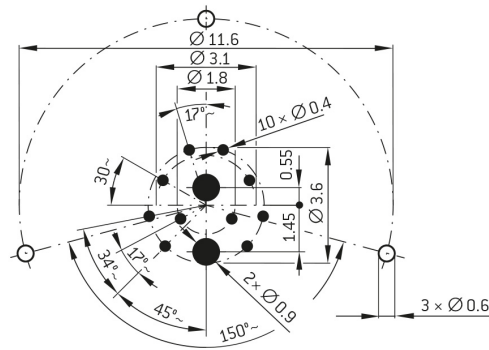
CODING:C



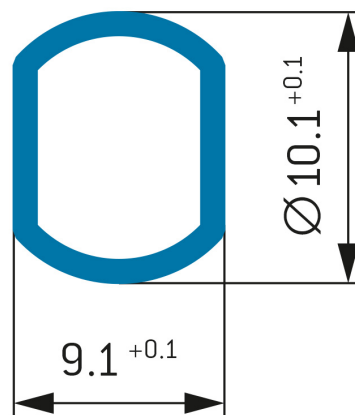
POSITIONS: 12 positions



PCB-LAYOUT:



PANEL CUT OUT:



### Further technical information and downloads

**Connection diagram** [connection\\_diagram\\_12\\_pin\\_usb\\_3\\_2\\_gen1x1\\_socket\\_typ\\_a](#)

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

[Technical specifications](#)