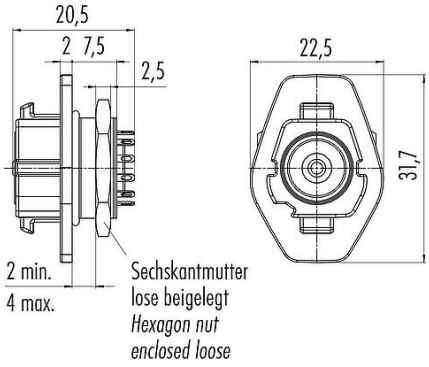
Product data sheet
Medical Grade Connectors

Product description	**Snap-In Female panel mount connector, Contacts: 12, unshielded, solder, IP54, Front mounting**
Area	**ELC**
Series	**570**
Part no.	**09 1724 100 12**

Illustration (may vary)



Scale drawing



You can find the component part drawing and assembly instructions on the next page.

Technical data

General features

Part no.	09 1724 100 12
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	snap-in
Termination	solder
Degree of protection	IP54
Connection cross-section	max. 0.25 mm² / AWG 24
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 5000 Mating cycles
Weight (g)	7.90
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	150 V
Rated impulse voltage	1500 V
Insulation resistance	≥ 10^{10} Ω
Pollution degree	2
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

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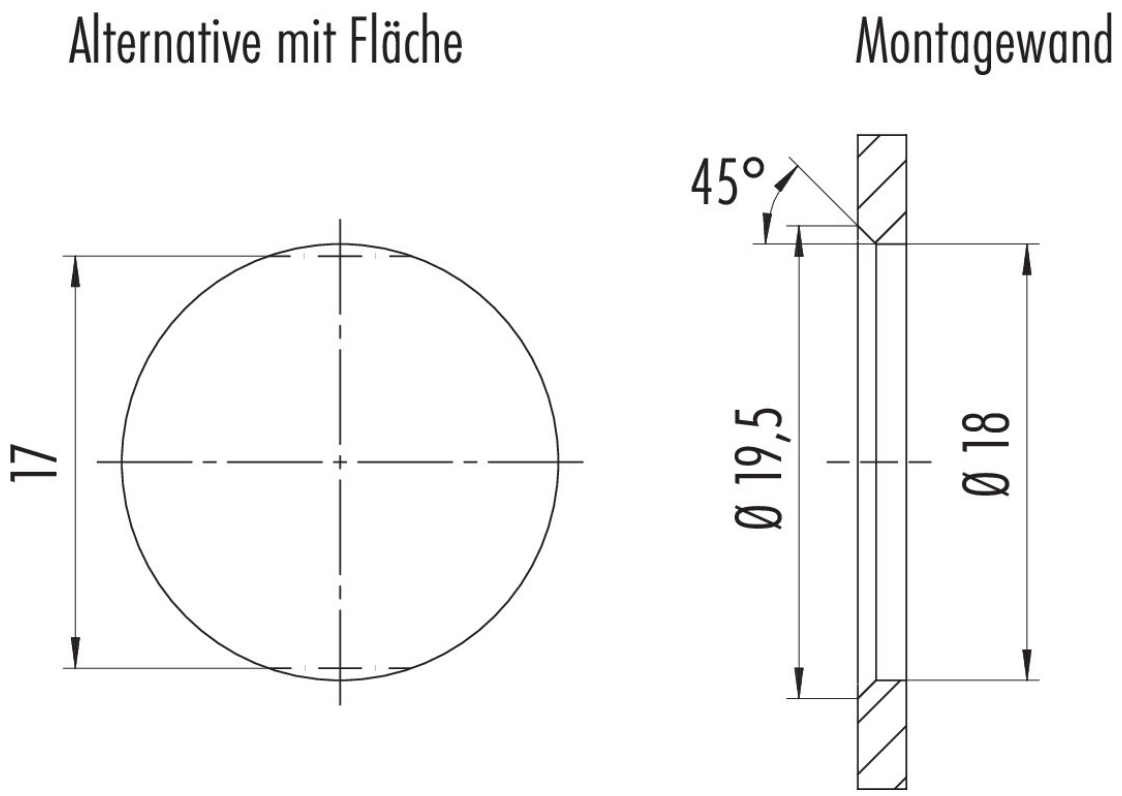
Material

Housing material	PA
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	14b60057-66cf-49ed-8786-36978d5583a7

Declarations of conformity

Low Voltage Directive	EN 60529:1991 | EN 60204-1:2018
RoHS Directive	EN IEC 63000:2018

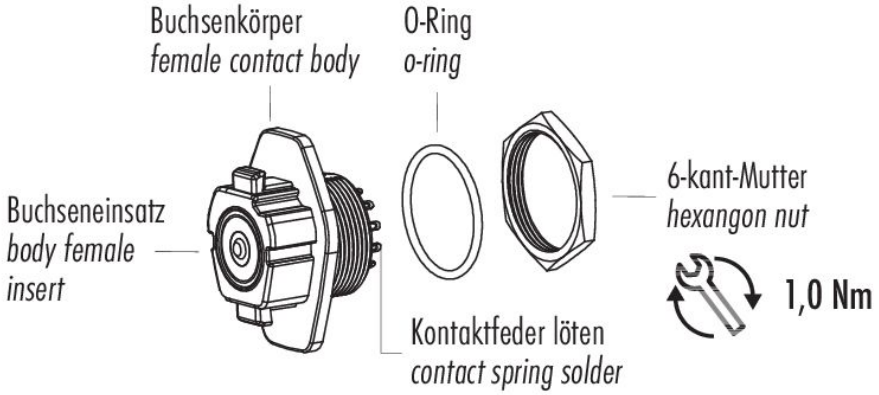
Assembly instructions / Panel cut-out



Product data sheet
Medical Grade Connectors

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Component part drawing



Product data sheet
Medical Grade Connectors

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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector to the device connector, we recommend tightening the threaded ring to 1 Nm. A suitable torque wrench is available as an accessory (order no. 07 0082 000).