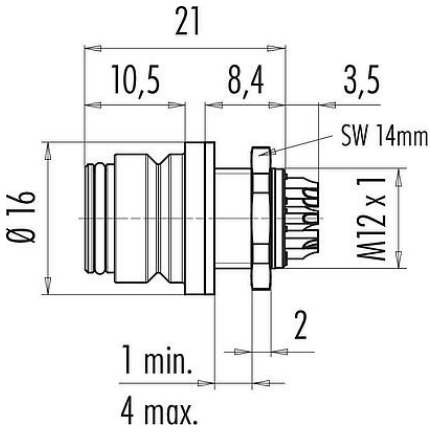
Product data sheet
Medical Grade Connectors

Product description	**Snap-In Female panel mount connector, Contacts: 5, unshielded, solder, IP67, UL 2238, VDE, M12x1.0, Front mounting**
Area	**Snap-In IP67**
Series	**720**
Part no.	**99 9116 50 05**

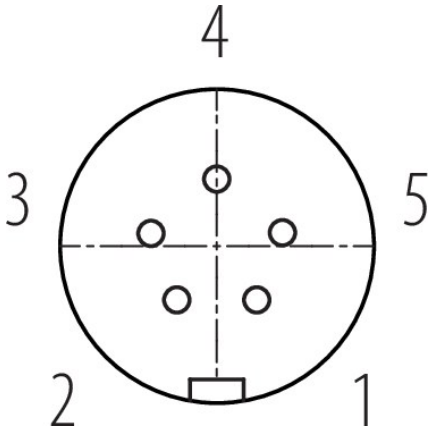
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



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

Technical data

General features

Part no.	99 9116 50 05
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	snap-in
Termination	solder
Degree of protection	IP67
Connection cross-section	max. 0.75 mm² / AWG 18
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	6.29
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	1500 V
Rated current	5.0 A
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 (UL94 HB) red
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	0f04e354-0044-45cc-8f60-6ec308a301a3

Authorization/approvals

Approvals	UL 2238, VDE

Classifications

eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

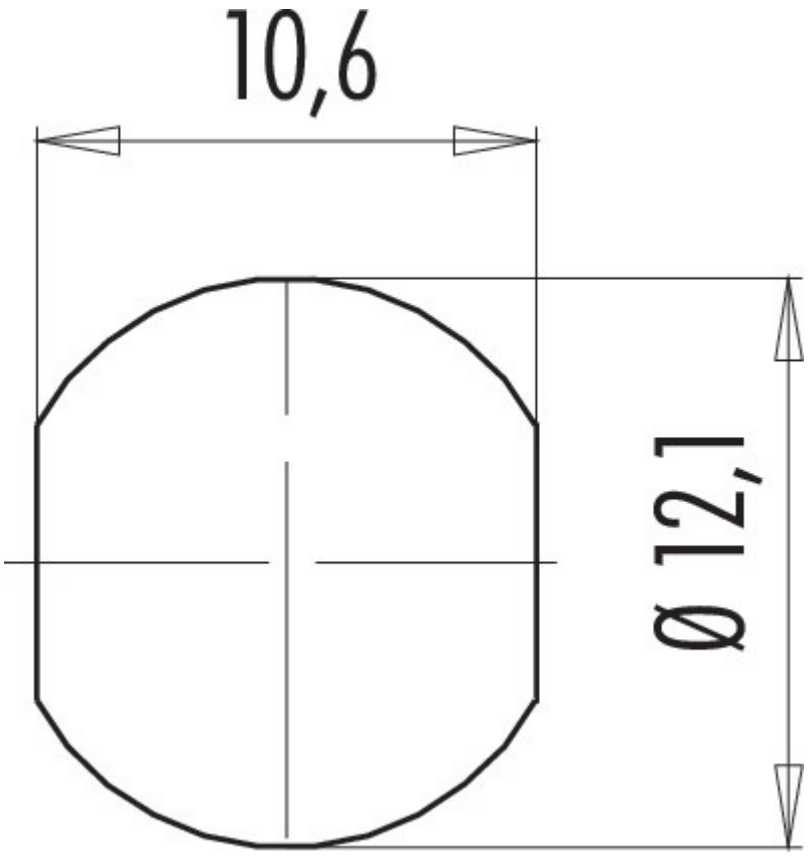
Trade-Compliance

Copper (9903.78.01)	0.001008 kg

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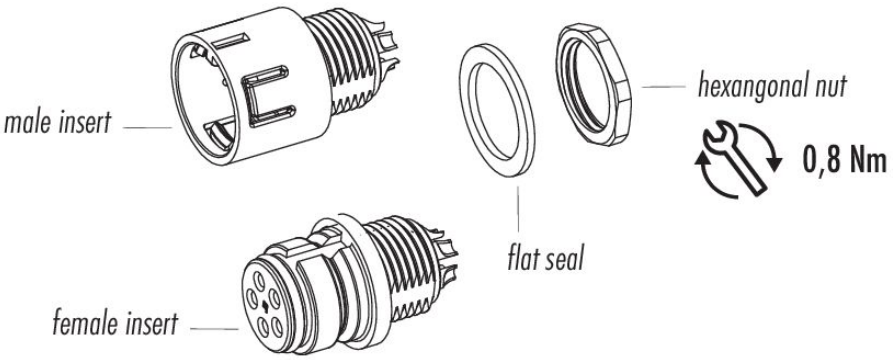
Assembly instructions / Panel cut-out



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Component part drawing



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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".