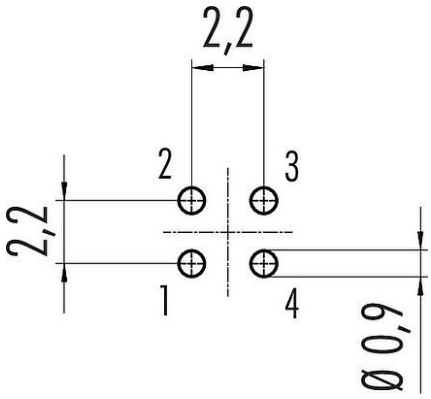
Product data sheet
Subminiature connectors

Product description	**M9 Female panel mount connector, Contacts: 4, unshielded, THT, IP67, M12x0.5, Rear mounting**
Area	**M9 IP67**
Series	**712**
Part no.	**09 0412 90 04**

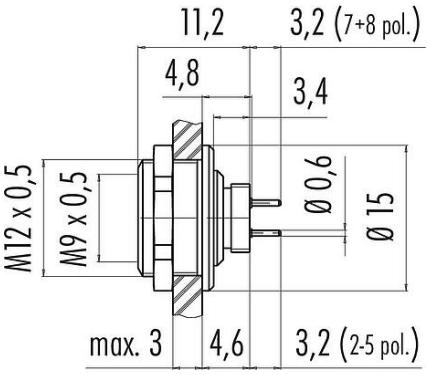
Illustration (may vary)



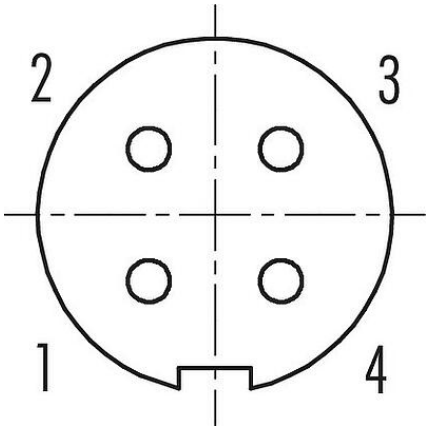
Conductor layout



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.	09 0412 90 04
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	screw
Termination	THT
Degree of protection	IP67
Temperature range from/to	-40 °C / 85 °C

Product data sheet

Subminiature connectors

Product description	**M9 Female panel mount connector, Contacts: 4, unshielded, THT, IP67, M12x0.5, Rear mounting**
Area	**M9 IP67**
Series	**712**
Part no.	**09 0412 90 04**

Mechanical operation	> 500 Mating cycles
Weight (g)	5.00
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	1500 V
Rated current	3,0 A
Insulation resistance	≥ 10^{8} Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	unshielded

Material

Contact body material	PA (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	d21e44b0-3e45-45c0-b458-0d9d9961d0a4

Classifications

eCl@ss 11.1	27-44-01-09
ETIM 9.0	EC003569

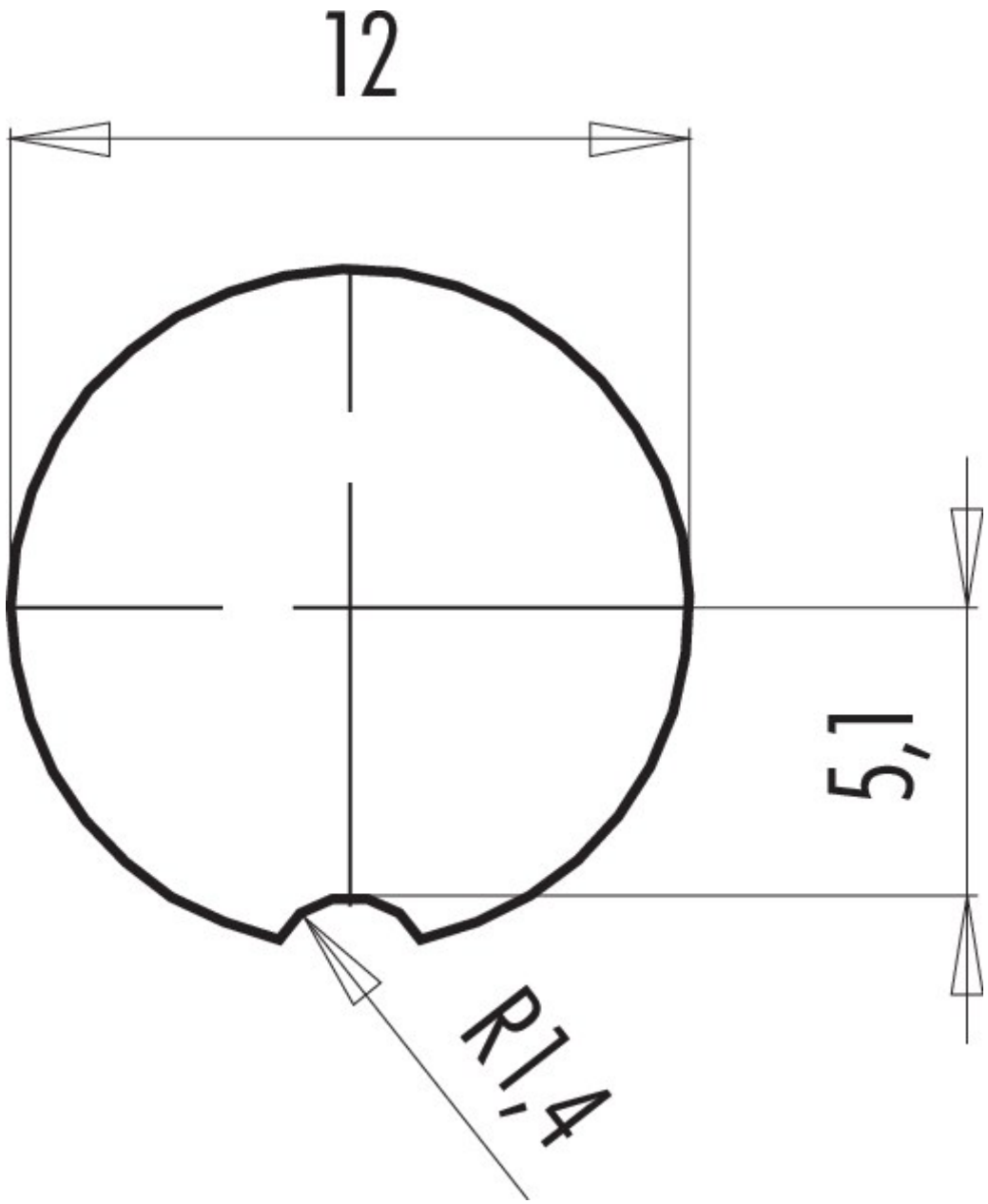
Trade-Compliance

Copper (9903.78.01)	0.001008 kg

Product data sheet
Subminiature connectors

Product description	**M9 Female panel mount connector, Contacts: 4, unshielded, THT, IP67, M12x0.5, Rear mounting**
Area	**M9 IP67**
Series	**712**
Part no.	**09 0412 90 04**

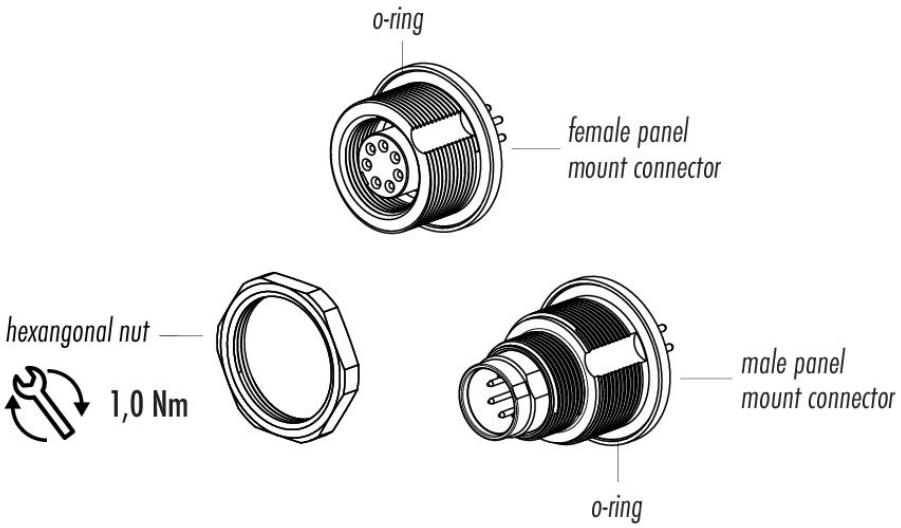
Assembly instructions / Panel cut-out



Product data sheet
Subminiature connectors

Product description	**M9 Female panel mount connector, Contacts: 4, unshielded, THT, IP67, M12x0.5, Rear mounting**
Area	**M9 IP67**
Series	**712**
Part no.	**09 0412 90 04**

Component part drawing



Product data sheet

Subminiature connectors

Product description	**M9 Female panel mount connector, Contacts: 4, unshielded, THT, IP67, M12x0.5, Rear mounting**
Area	**M9 IP67**
Series	**712**
Part no.	**09 0412 90 04**

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.

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.