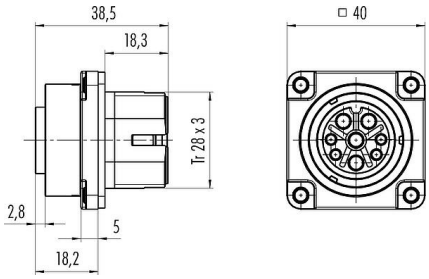
Product data sheet
Power connectors

Product description	**Bayonet Female panel mount connector, Contacts: 12, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL 2238, VDE, Front mounting, UV resistant**
Area	**Bayonet HEC**
Series	**696**
Part no.	**09 6520 000 12**

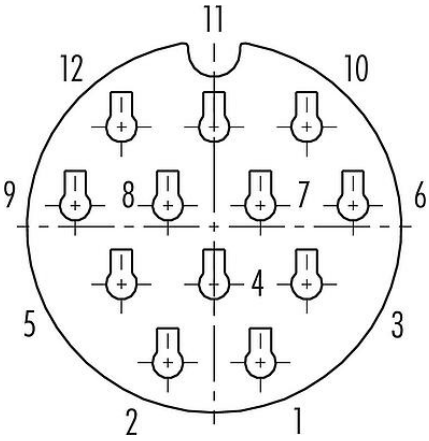
Illustration (may vary)



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.	09 6520 000 12
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	Bayonet
Termination	crimping (Crimp contacts must be ordered separately)
Degree of protection	IP68/IP69K
Connection cross-section	click here for more info
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	30.29
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	4000 V
Rated current	5.0 A
Insulation resistance	> 10^{8} Ω
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded

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Material

Housing material	PA
Contact body material	PA
Contact material	depending on crimp contact (accessory)
Contact plating	depending on crimp contact (accessory)
Locking material	PA
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Authorization/approvals

Approvals	UL 2238, VDE

Classifications

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

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Assembly instructions

1. *Strip single wires to L = 3.5 mm.*
2. *Crimp contacts to wires.**
3. *Press crimped contacts into contact carrier until they snap into place.*

   Attention! *Bear in mind the positioning of the contacts in relation to the housing. The positioning of the contacts is stamped on the contact carrier.*

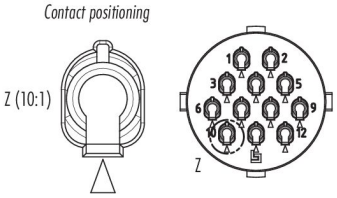
3.1. *Alternatively when using the single wire seal: ** Pierce through the needed sections of the single wire sealings with a pointed device or tool. Pass single wires through the seal, strip them off and crimp them to the contacts. Then press contacts (analog to 3.) into the contact carrier, lay the single wire sealings flat onto the contact carrier, press pressure ring to stop and finally fix it with the pressing screw.*

4. *Push the pressing screw over the bundle of single wires and fix it afterwards by screwing. (recommended torque 1.0 Nm)*

* *Crimping tool for single contacts*
Ordering-No. 66 0001 014 100

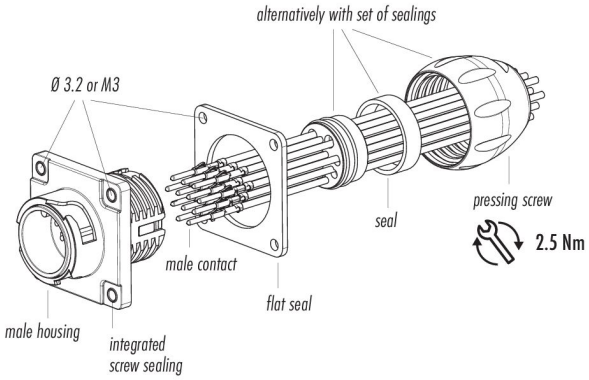
Crimping tool for strip contacts
Ordering-No. 67 0001 014 100

Extraction tool for contacts
Ordering-No. 07 0090 000



**

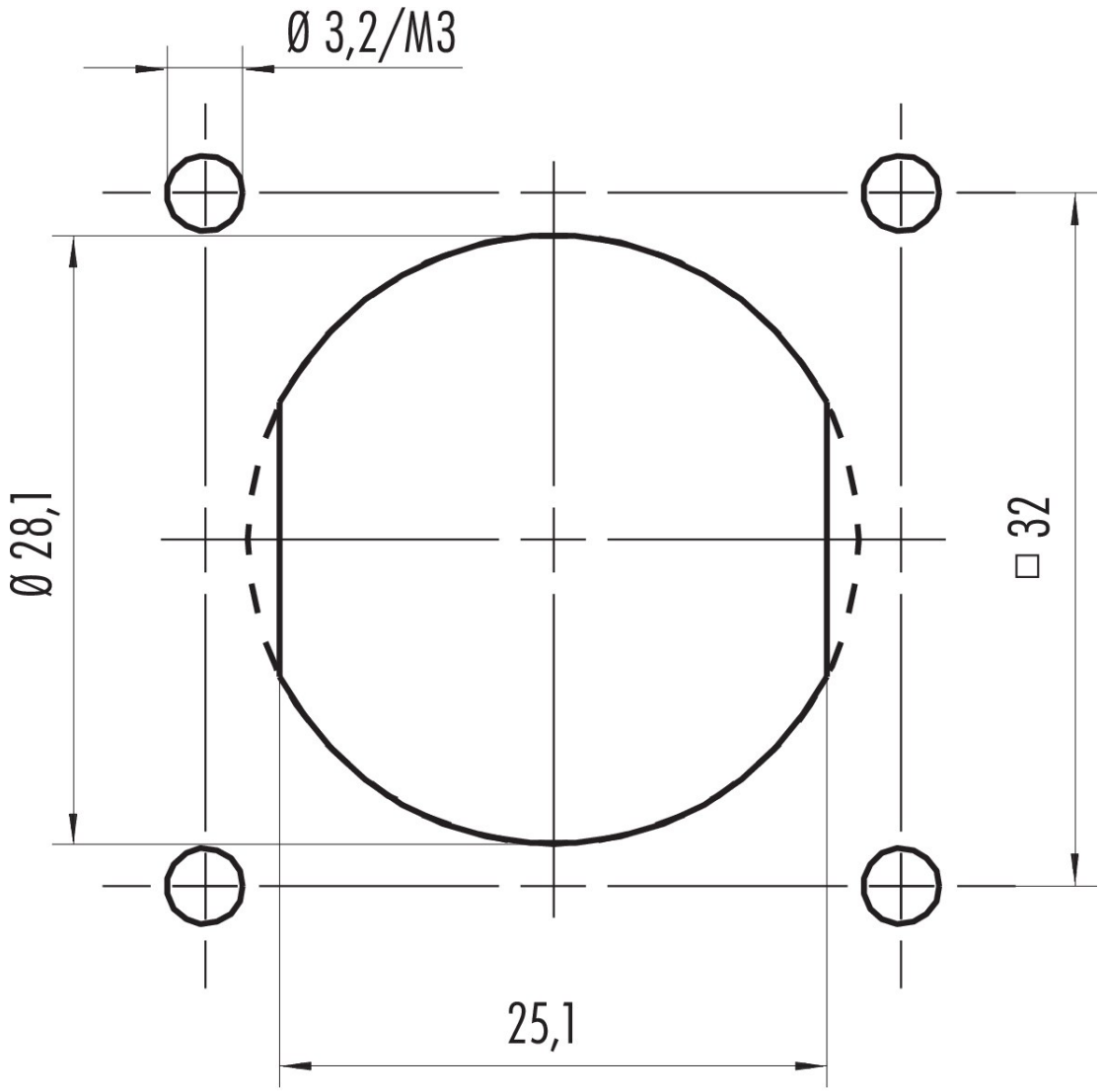
Wire-Ø	12 contacts
min.	Ø 1.1 mm
max.	Ø 2.1 mm



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Assembly instructions / Panel cut-out

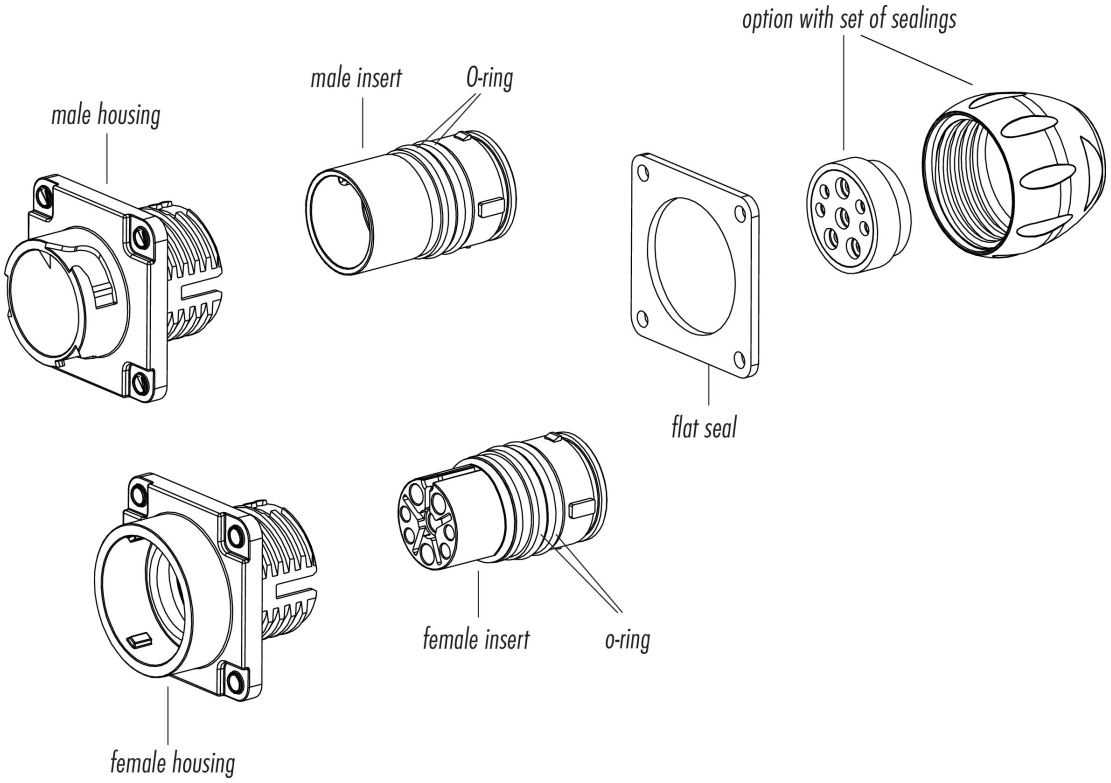


Alternative mit Abflachung
Alternative with flattening

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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".