

Product data sheet

Power connectors

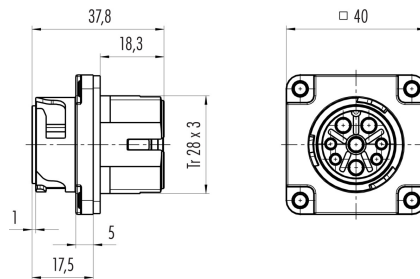


Product description	Bayonet HEC male panel mount connector, Contacts: 12, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE
Area	Bayonet HEC series 696
Part no.	09 6519 000 12

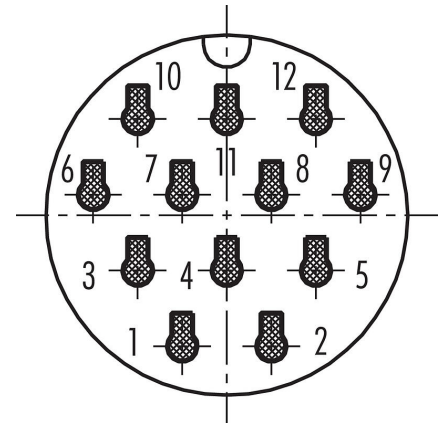
Illustration



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 6519 000 12
Connector design	male panel mount connector
Version	male straight
Connector locking system	Bayonet
Termination	crimping (Crimp contacts must be ordered separately)
Degree of protection	IP68/IP69K
Cross-sectional area	see crimp contacts under accessories
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	29.00
Customs tariff number	85369010

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	4000 V
Rated current (40 °C)	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, VDE
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Classifications

eCl@ss 11.1	27-44-01-09
ETIM 7.0	EC003569

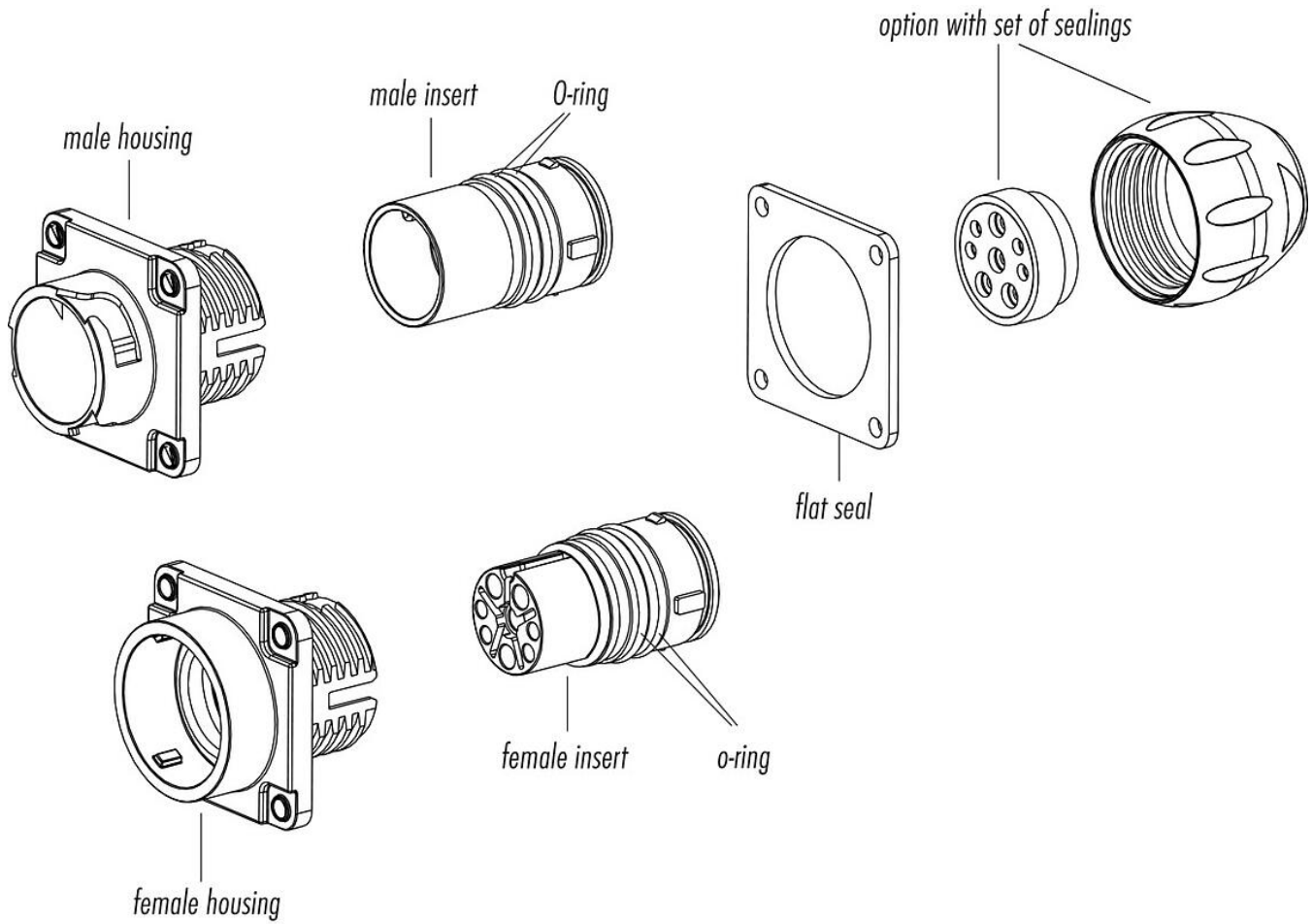
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Component part drawing



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Assembly instructions

1. Strip single wires to 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 mark points to the snap.



- 3.1. Option when using the single wire seal:
Pierce through the needed sections of the single wire sealings with a pointed device or tool and then bead them over the contacts. Then press contacts into the contact carrier, lay the single wire sealings flat onto the contact carrier 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 40 cNm)

Extracting the contacts:

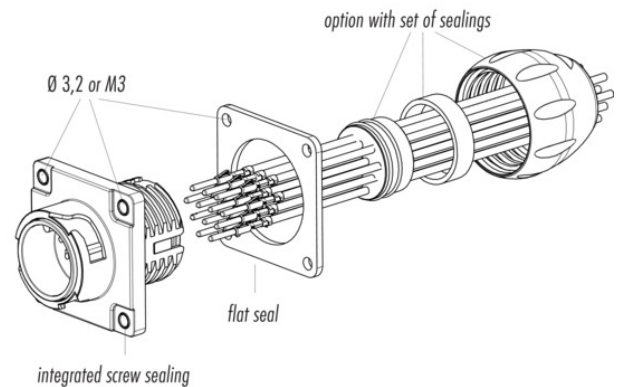
As the contacts are full floating the extraction tool can be inserted with slight pendular movements to block.

Afterwards press the extraction button.

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

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

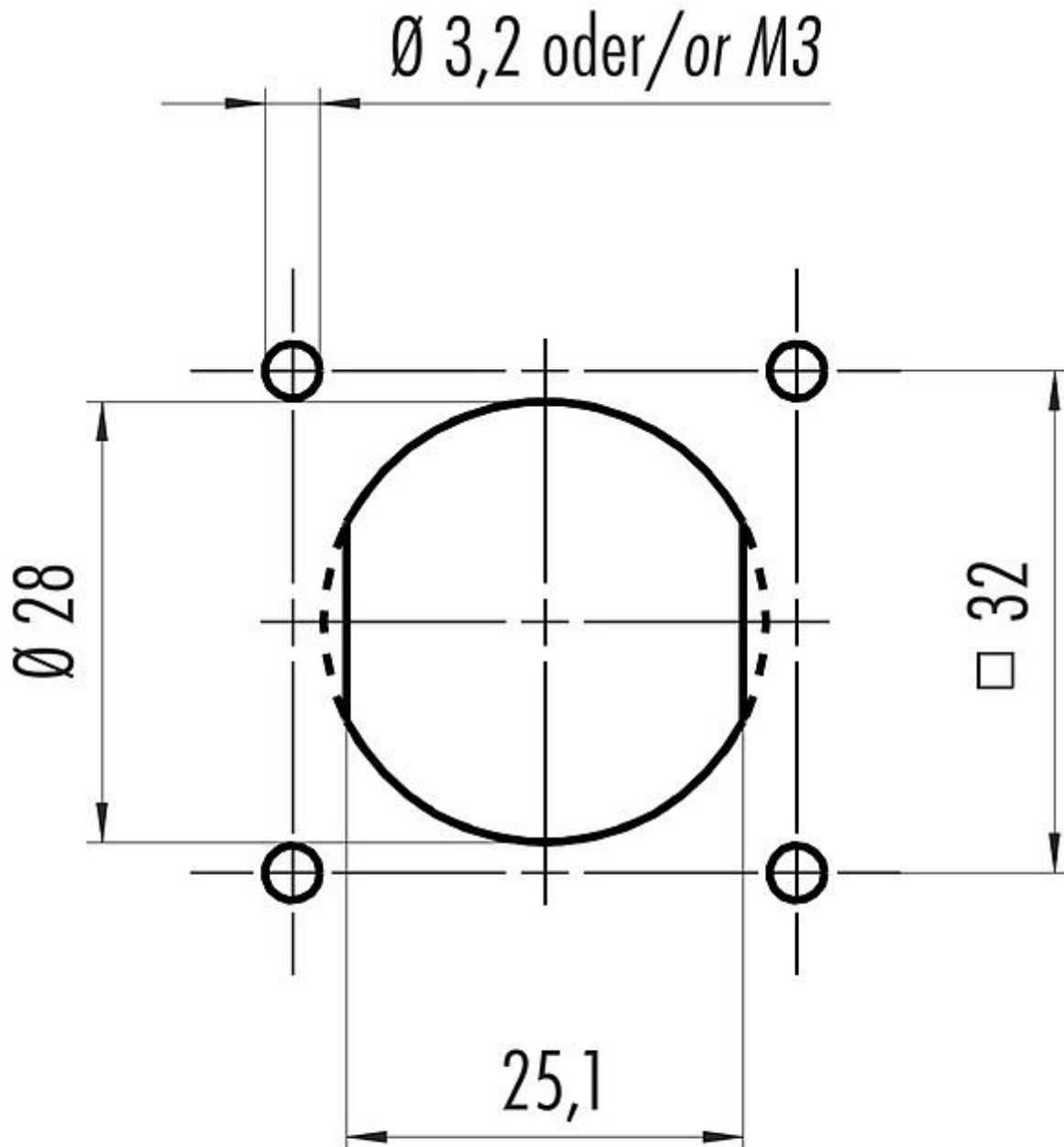
Extraction tool for contacts Ordering-No. 07 0088 000



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Assembly instructions / Panel cut-out



Alternative mit Abflachung
Alternative with flats

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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.