Product data sheet

Power connectors

Product description	**Bajonett HEC female panel mount connector, Contacts: 12, Shielding is not possible, crimp (Crimp contacts must be ordered separately), IP68/IP69K**
Area	**Bajonett HEC series 696**
Order number	**09 6520 200 12**

Illustration

Scale drawing

Contact arrangement

	X	Y
1	2,4	-7,1
2	-2,4	-7,1
3	4,8	-3,0
4	0	-3,0
5	-4,8	-3,0
6	7,2	1,1
7	2,4	1,1
8	-2,4	1,1
9	-7,2	1,1
10	4,8	5,2
11	0	5,2
12	-4,8	5,2

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

Technical data

General values

Connector design	female panel mount connector
Connector locking system	Bayonet
Termination	crimp (Crimp contacts must be ordered separately)
Wire gauge (mm)	0.14 - 0.75 mm²
Wire gauge (AWG)	26 - 18
Upper limit temperature	100 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	5 A
Rated voltage	250 V
Rated impulse voltage	4000 V
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Insulation resistance	$> 10^8\,\Omega$
EMC compliance	Shielding is not possible
Degree of protection	IP68/IP69K
Mechanical operation	> 500 Mating cycles

Material

Contact plating	depending on the crimp contact (accessory)
Contact body material	PA
Housing material	PA

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Component part drawing
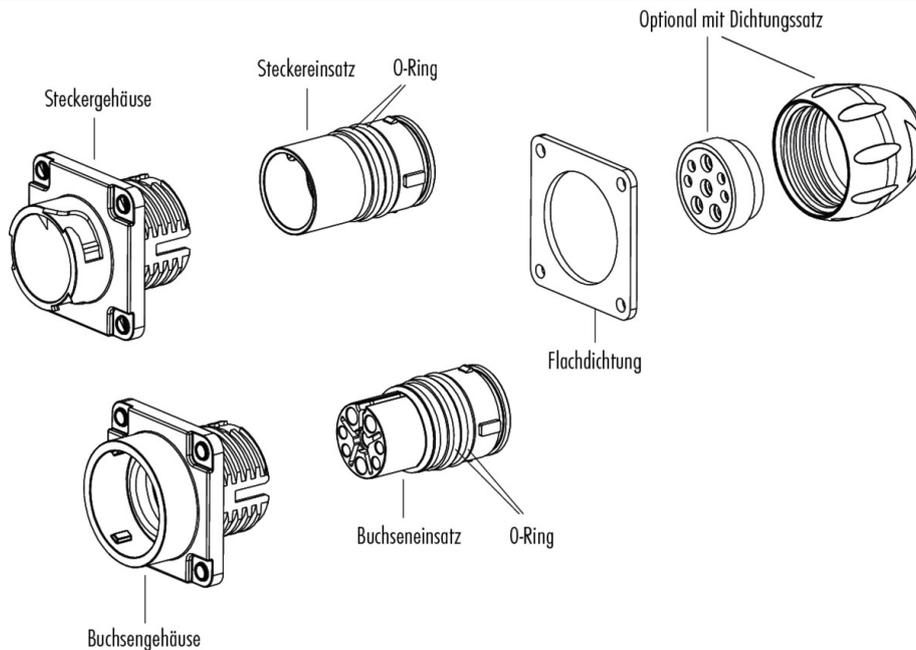
## Assembly instructions / Panel cut-out

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.
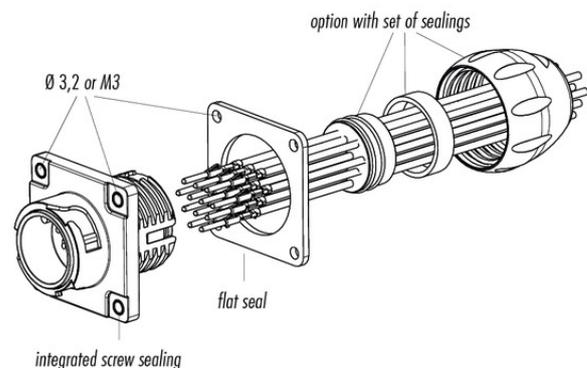
*	Crimping tool for single contacts	Ordering-No. 66 0001 014 100
	Crimping tool for strip contacts	Ordering-No. 67 0001 014 100
	Extraction tool for contacts	Ordering-No. 07 0088 000

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binder

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Assembly instructions / Panel cut-out

Ø 3,2 oder/or M3
Ø 28
□ 32
25,1
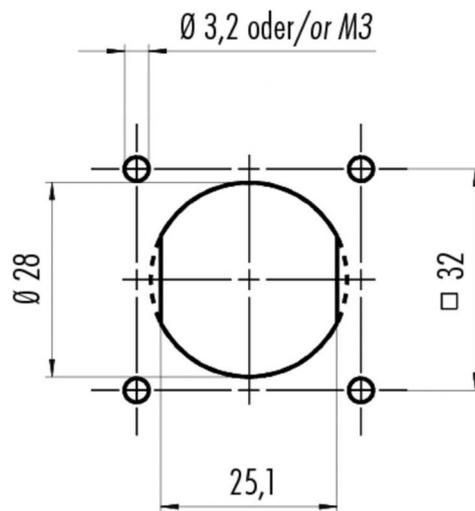
Alternative mit Abflachung
Alternative with flats

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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.
The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.