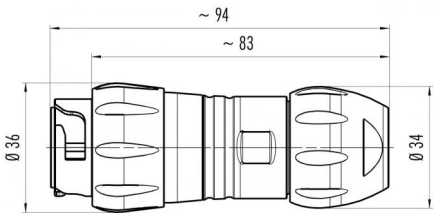
Product data sheet

Power connectors

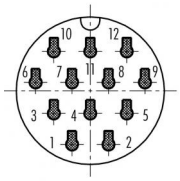
Product description	**Bajonett HEC cable connector, Contacts: 12, 7.0 - 13.0 mm, shielding is not possible, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE**
Area	**Bajonett HEC series 696**
Order number	**99 6517 000 12**

Illustration

Scale drawing



Contact arrangement (Plug-in side)



	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	cable connector
Connector locking system	Bayonet
Termination	crimp (Crimp contacts must be ordered separately)
Wire gauge (mm)	see crimp contacts under accessories
Cable outlet	7.0 - 13.0 mm
Upper limit temperature	100 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010
Packaging Unit	20

Cable data

Approval 1	UL
Approval 2	VDE

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 Ω
EMC compliance	shielding is not possible
Degree of protection	IP68/IP69K
Mechanical operation	> 500 Mating cycles

Material

Contact material	depending on crimp contact (accessory)
Contact body material	PA
Housing material	PA
REACH SVHC	No pollutants

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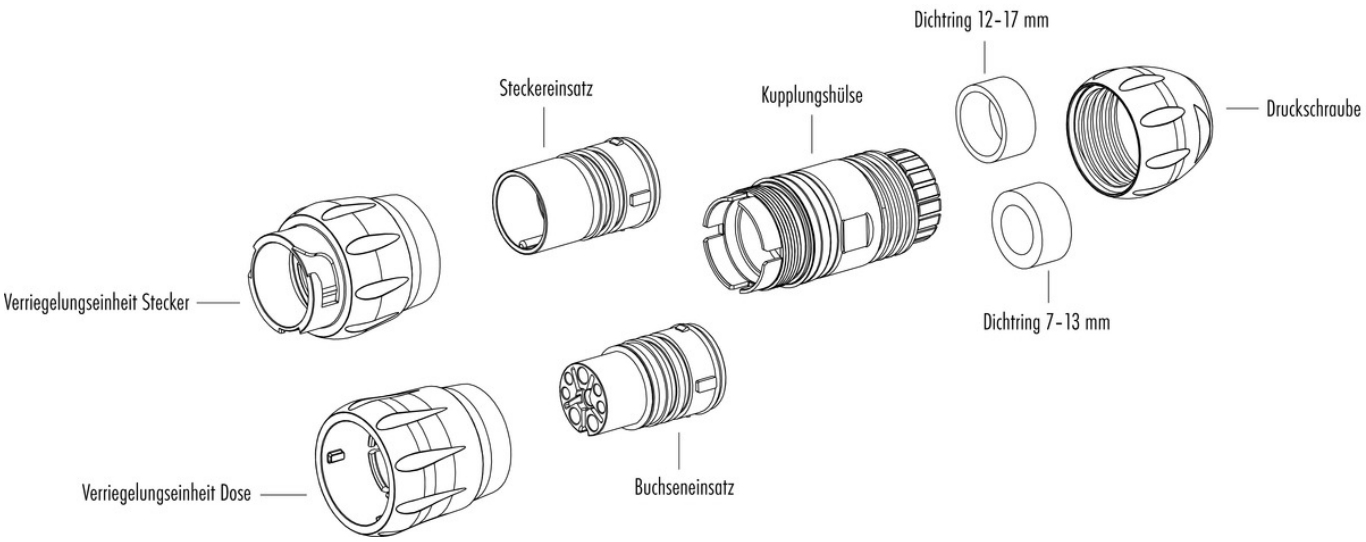
Component part drawing



Assembly instructions / Panel cut-out

1. *Strip to 50 mm length and take off cable jacket.*
2. *Bead pressing screw, pinch ring, seal and distance sleeve to cable.*
3. *Strip insulation of the single wires (length 3,5 mm).*
4. *Crimp contacts to single wires.**
5. *Press crimped contacts into contact carrier until they snap into place. Then push the carrier into the connector sleeve to block.*

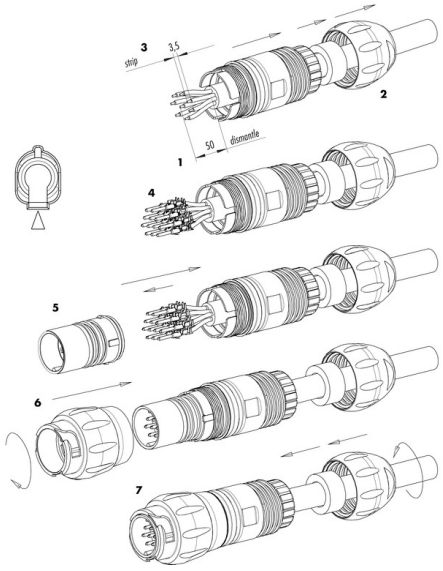
   ***Attention!** Bear in mind the positioning of the contacts in relation to the housing. The mark points to the snap.*

6. *Put locking unit to the thread of the connector sleeve and screw it with slight pressure towards the direction marked with an arrow until it is tight. (recommended torque 80 cNm)*
7. *Push sealing ring into the pinch ring to block and fix both by screwing the pressing screw towards the connector sleeve. (recommended torque 250 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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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.
Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.