

Product data sheet

Power connectors

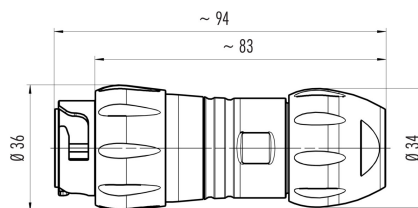


Product description	Bajonett HEC male cable connector, Contacts: 4+3+PE, 7.0 - 17.0 mm, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE
Area	Bajonett HEC series 696
Part no.	99 6501 000 08

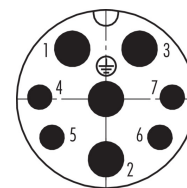
Illustration



Scale drawing



Contact arrangement (Plug-in side)



1, 2, 3, Ø 2,5 mm
4, 5, 6, 7 Ø 1,6 mm

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

Technical data

General features

Part no.	99 6501 000 08
Connector design	male cable connector
Version	connector 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
Cable outlet	7.0 - 17.0 mm
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 1000 Mating cycles
Weight (g)	54.09
Customs tariff number	85369010

Electrical parameters

Rated voltage	60 V Signal / 400 V Power
Rated impulse voltage	1000 V
Rated current (40 °C)	3 A signal / 25 A Power (20 A UL)
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)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Authorization/approvals

Approvals	UL, VDE
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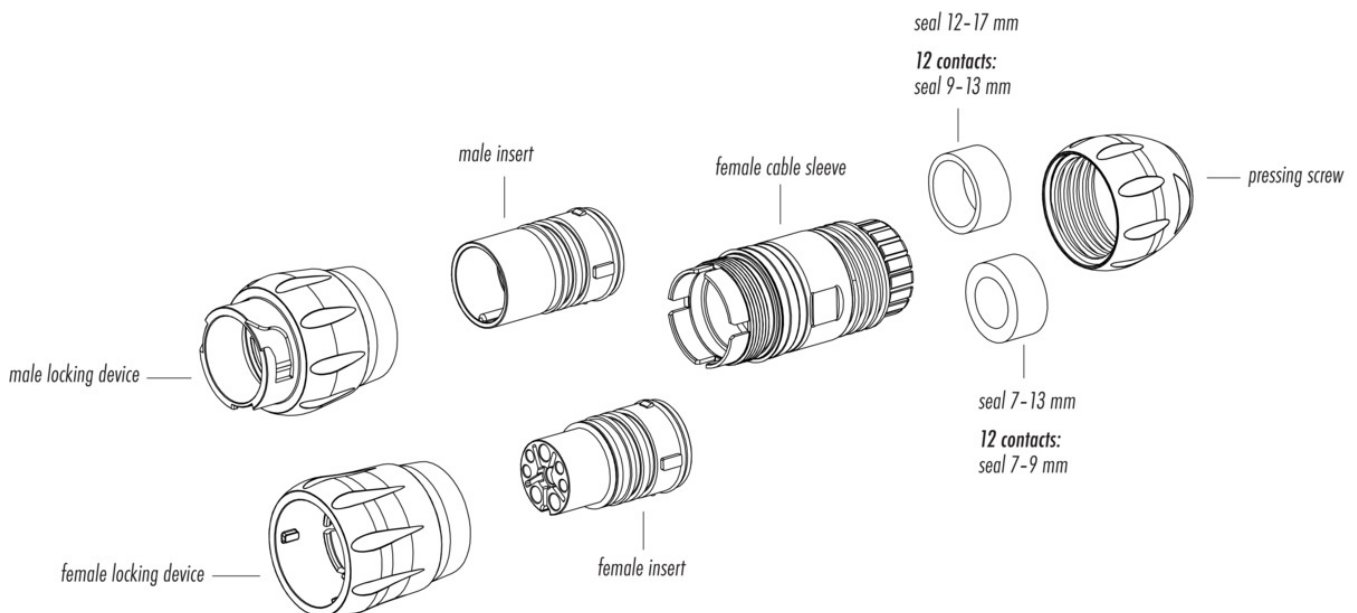
Classifications

eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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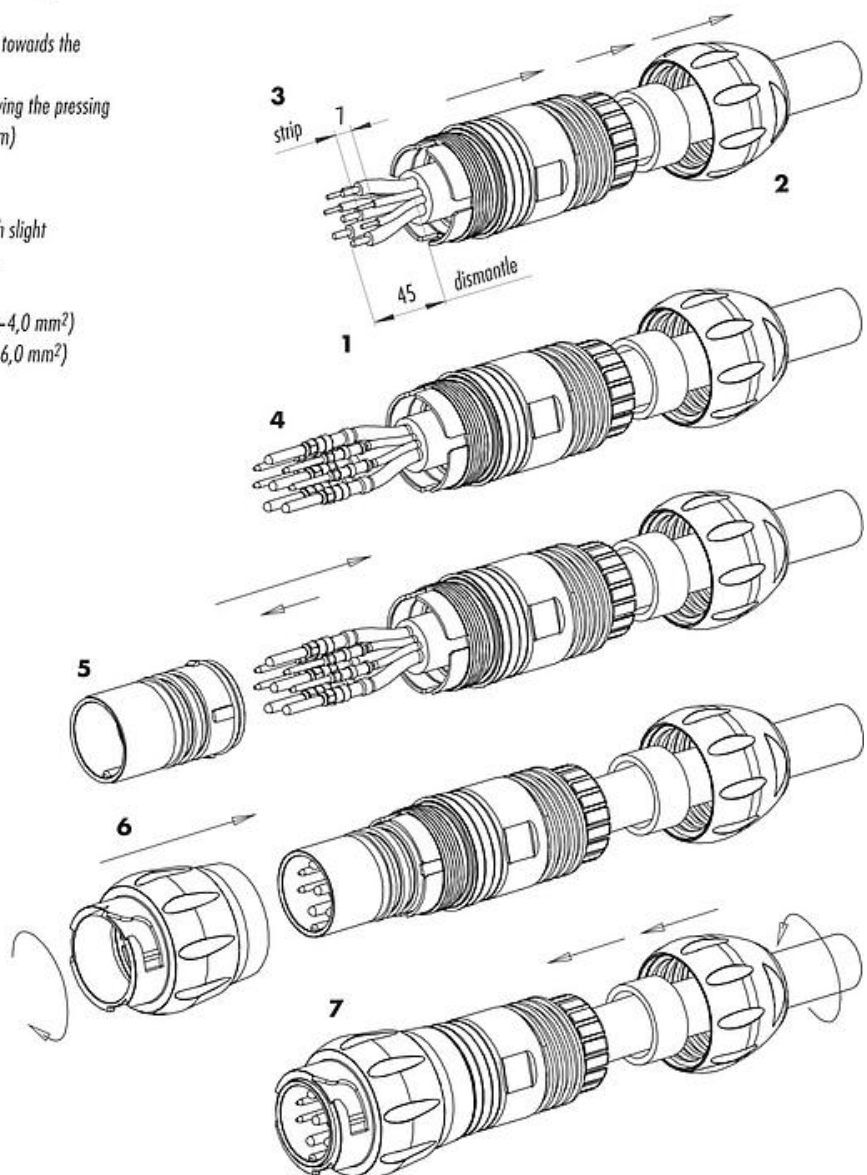
Component part drawing



Assembly instructions

- | <i>Contacts</i> | <i>contact-Ø</i> | <i>length X</i> | <i>length Y</i> |
|-----------------|------------------|-----------------|-----------------|
| 8 | Ø 1,6 mm | 45 mm | 8 mm |
| 8 | Ø 2,5 mm | 45 mm | 8 mm |
| 5 | Ø 3,6 mm | 50 mm | 12 mm |

Extraction tool for contacts	Ø 1,6 mm	66 0004 001
	Ø 2,5 mm	66 0011 001
	Ø 3,6 mm	66 0012 001



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General Disclaim Notice

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.