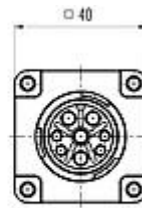
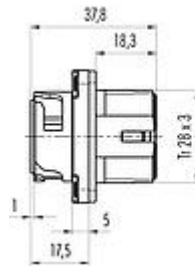


Product description	<b>Bayonet HEC Male panel mount connector, Contacts: 4+3+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE</b>
Area	<b>Bayonet HEC series 696</b>
Part no.	<b>09 6503 000 08</b>

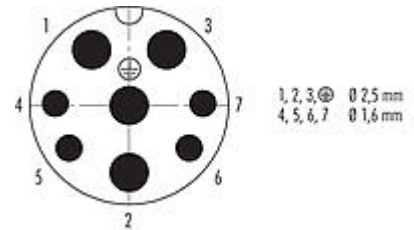
### Illustration



### 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 6503 000 08
Connector design	Male panel mount connector
Version	Connector pin straight
Connector locking system	Bayonet
Termination	crimping ( <a href="#">Crimp contacts must be ordered separately</a> )
Degree of protection	IP68/IP69K
Cross-sectional area	<a href="#">see crimp contacts under accessories</a>
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 1000 Mating cycles
Weight (g)	26.00
Customs tariff number	85369010

## Electrical parameters

Rated voltage	Power: 400 V, Signal: 60 V
Rated impulse voltage	1000 V
Rated current (40 °C)	3 A Signal / 25 A Power (20 A UL)
Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded

## 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)

# Product data sheet

## Power connectors



Product description **Bayonet HEC Male panel mount connector, Contacts: 4+3+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE**

Area **Bayonet HEC series 696**  
Part no. **09 6503 000 08**

SCIP number

SCIP-number not available

### Authorization/approvals

Approvals

UL, VDE

### Classifications

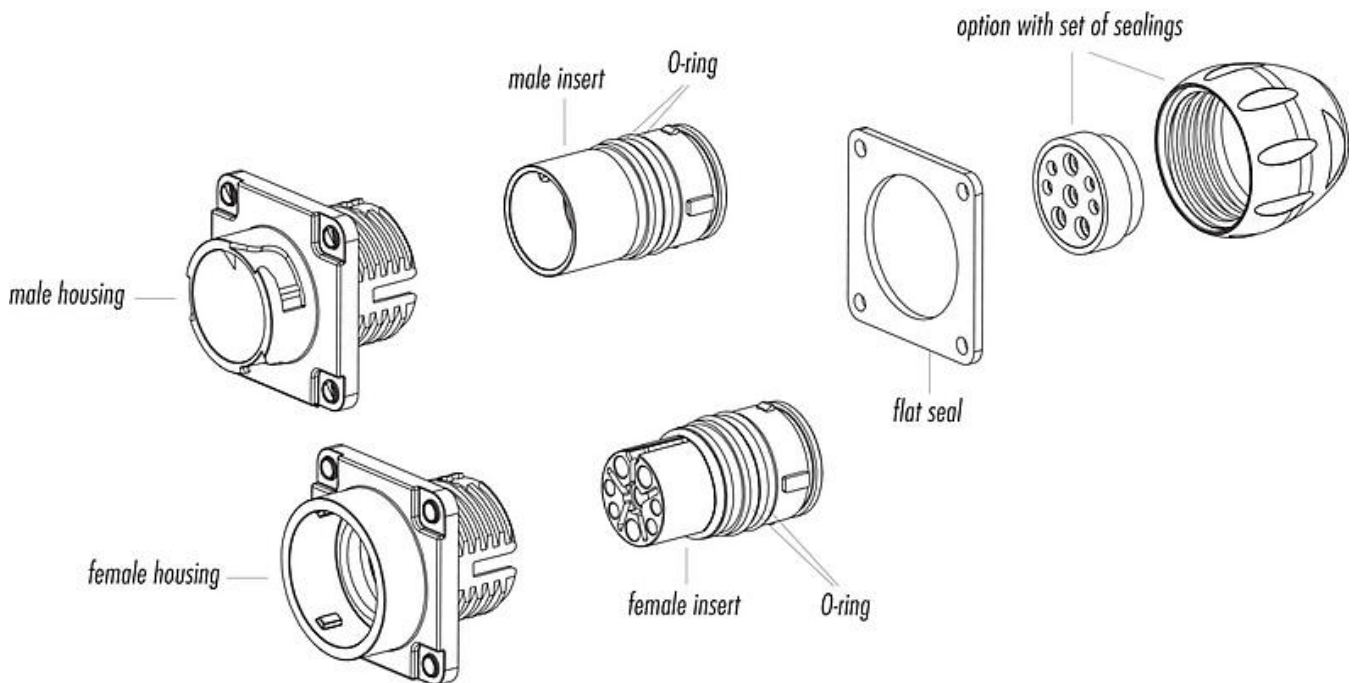
eCl@ss 11.1

27-44-01-09

ETIM 7.0

EC003569

### Component part drawing



Product description	<b>Bayonet HEC Male panel mount connector, Contacts: 4+3+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE</b>
Area	<b>Bayonet HEC series 696</b>
Part no.	<b>09 6503 000 08</b>

## Assembly instructions

1. Strip single wires to  $L = 7 \text{ mm}$ .
2. Crimp contacts to wires.\*
3. Press crimped contacts into contact carrier until they snap into place.
- 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 and then raise them over the contacts.  
Then press contacts 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  $1.0 \text{ Nm}$ )

### 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.

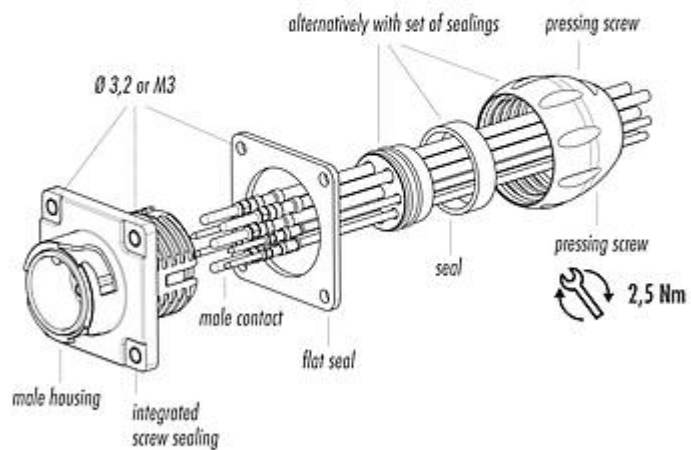
#### \* Crimping tool

Ordering-No.	0.14 - 4 mm <sup>2</sup>	66 0003 001
Ordering-No.	1.5 - 6 mm <sup>2</sup>	66 0005 000

#### Extraction tool for contacts

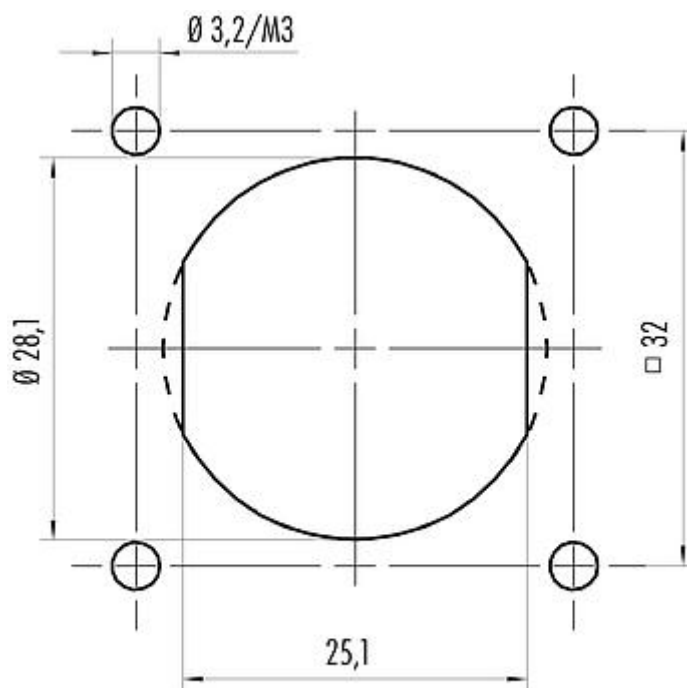
Ordering-No.	Ø 1.6 mm	66 0004 001
Ordering-No.	Ø 2.5 mm	66 0011 001
Ordering-No.	Ø 3.6 mm	66 0012 001

Wire-Ø	8 contacts		5 contacts
	Power	Signal	Power
min.	Ø 2,6 mm	Ø 1,7 mm	Ø 3,7 mm
max.	Ø 3,9 mm	Ø 2,7 mm	Ø 4,9 mm



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**Assembly instructions / Panel cut-out**



Alternative mit Abflachung  
Alternative with flattening

Product description	<b>Bayonet HEC Male panel mount connector, Contacts: 4+3+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE</b>
Area Part no.	<b>Bayonet HEC series 696 09 6503 000 08</b>

## 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.