

Product data sheet

Power connectors

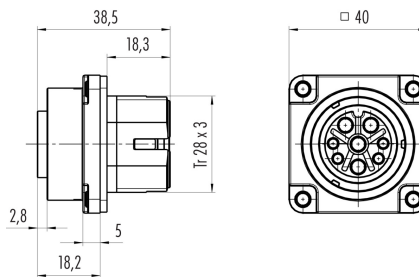


Product description	Bajonett HEC female panel mount connector, Contacts: 4+PE, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE
Area	Bajonett HEC series 696
Part no.	09 6492 000 05

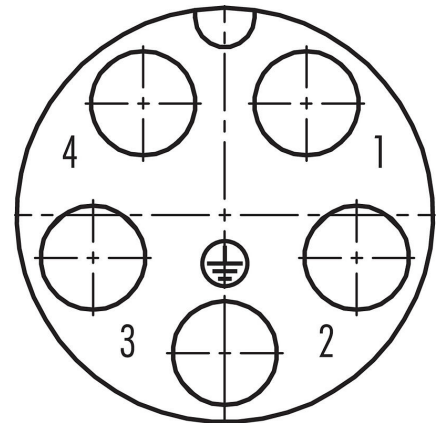
Illustration



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 6492 000 05
Connector design	female panel mount connector
Version	connector female straight
Connector locking system	Bayonet
Termination	crimping (Crimp contacts must be ordered separately)
Degree of protection	IP68/IP69K
Cross-sectional area	2.50 - 6.00 mm ² / AWG 14 - 10
Temperature range from/to	-40 °C / 100 °C
Mechanical operation	> 1000 Mating cycles
Weight (g)	28.96
Customs tariff number	85369010

Electrical parameters

Rated voltage	600 V
Rated impulse voltage	6000 V
Rated current (40 °C)	32 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 the 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

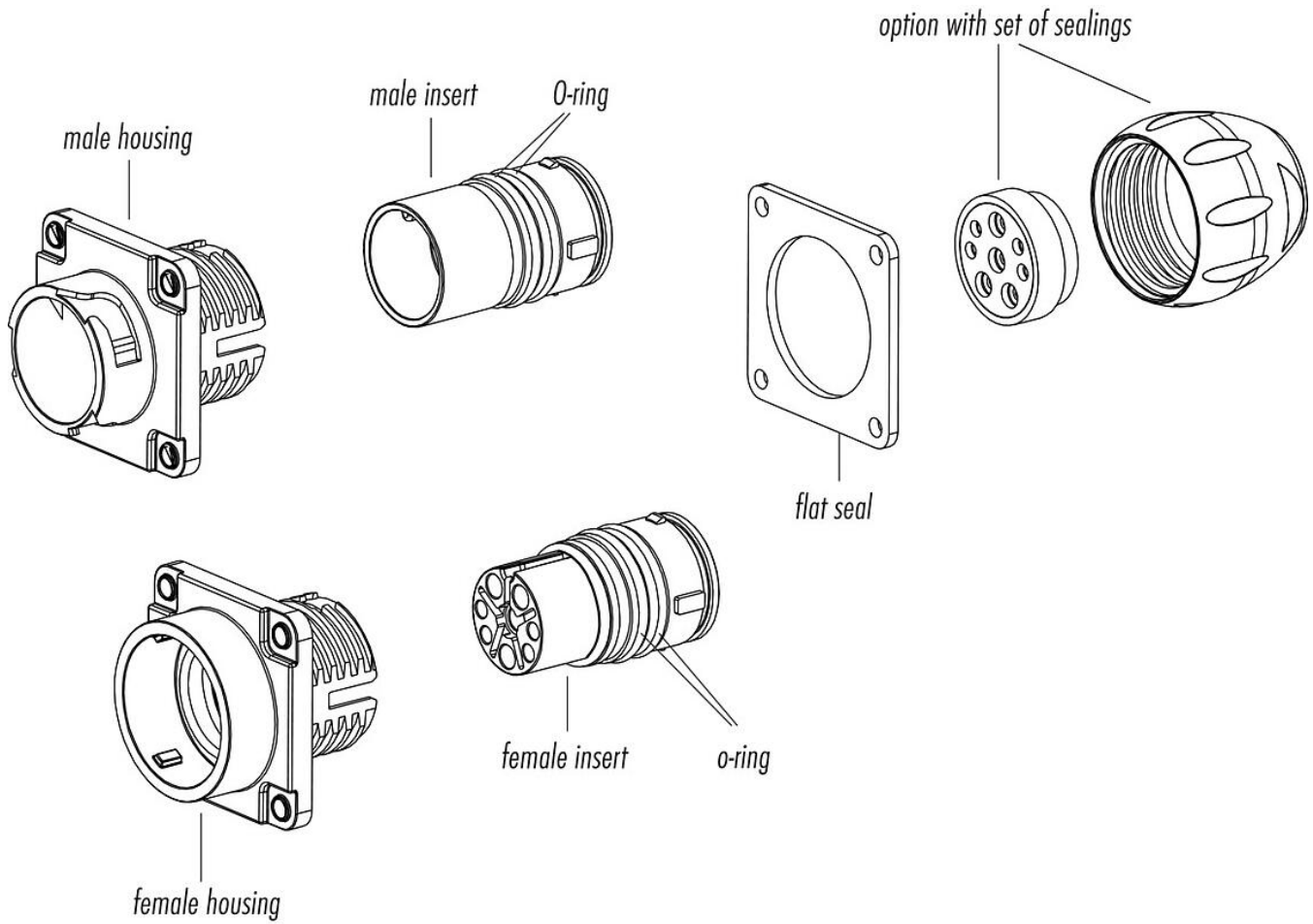
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Component part drawing



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Assembly instructions

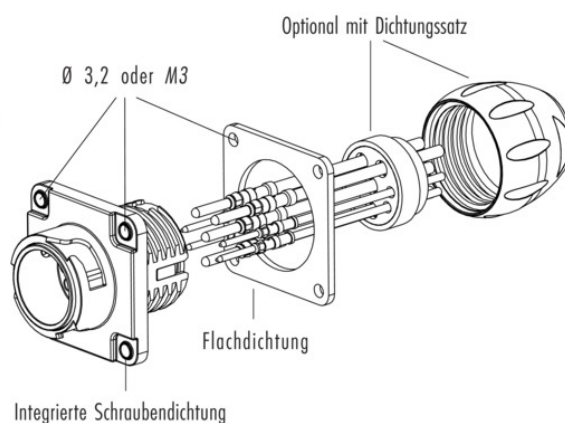
1. Einzellitzen auf 7mm abisolieren.
2. Kontakte ancrimpen. *
3. Angecrimte Kontakte bis zum Einrasten in den Kontaktkörper eindrücken.
- 3.1. Optional bei Verwendung der Litzendichtung:
Benötigte Kammern der Litzendichtung mit einem spitzen Gegenstand durchstoßen und über die Kontakte auffädeln. Kontakte in den Kontaktkörper eindrücken, die Litzendichtung flach an den Körper auflegen und anschließend mit der Druckschraube festschrauben.
4. Die Druckschraube über das Litzenbündel aufschieben und anschließend festschrauben.
(empfohlenes Drehmoment 40cNm)

Lösen der Kontakte:

Da die Kontakte schwimmend gelagert sind, lässt sich das Lösewerkzeug mit leichten Pendelbewegungen bis auf Anschlag einführen. Danach zum Lösen den Ausdrückknopf betätigen.

* Crimpzange Bestell-Nr. 66 0003 001

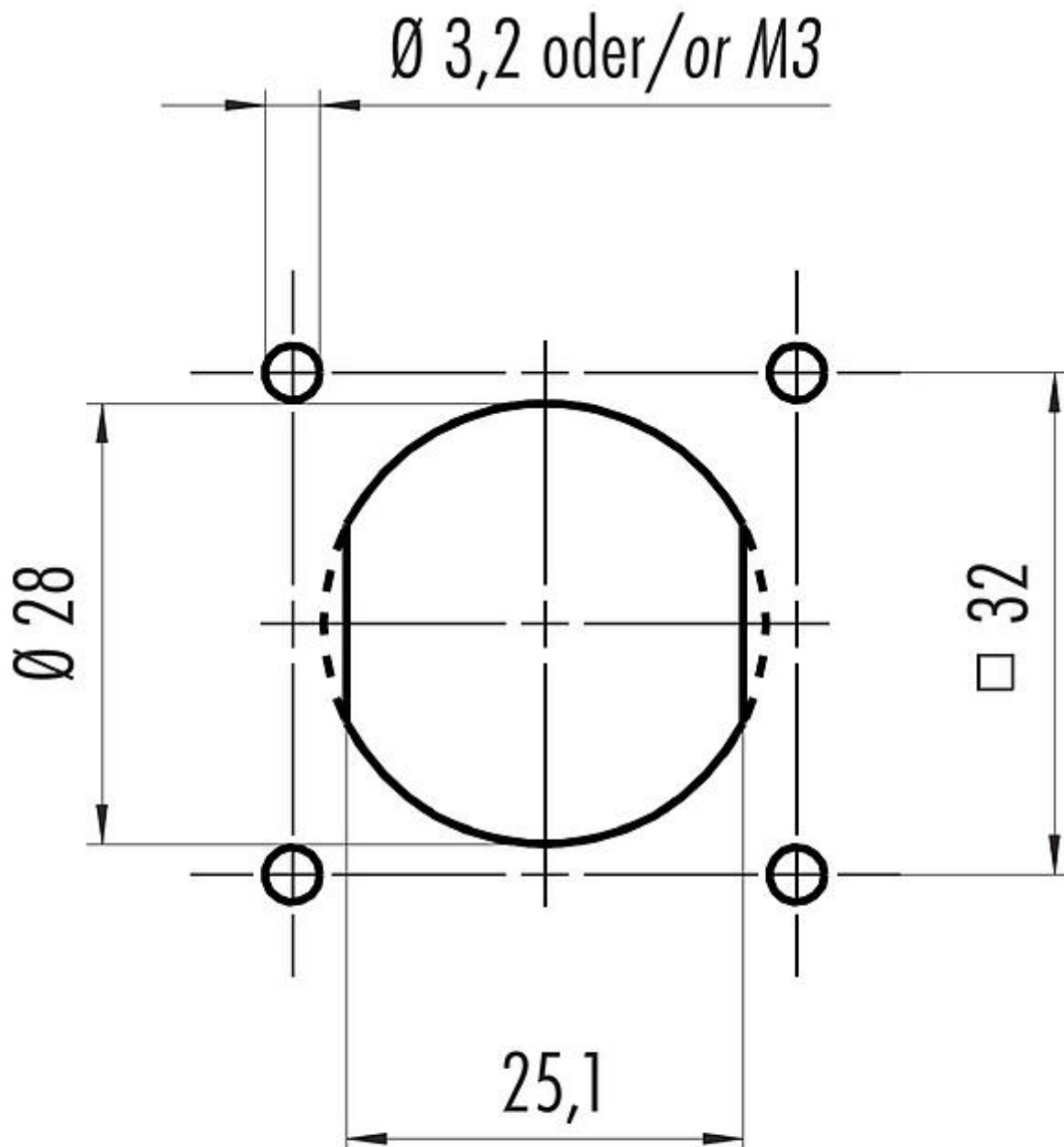
Lösewerkzeug Kontakt \varnothing 1,6mm 66 0004 001
 \varnothing 2,5mm 66 0011 001



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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.