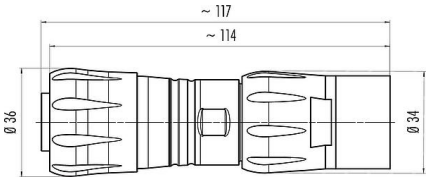
# Product data sheet
## Power connectors

| | |
|---|---|
| Product description | **Bayonet Female cable connector, Contacts: 12, 7.0-13.0 mm, unshielded, crimping (Crimp contacts must be ordered separately), IP68/IP69K, UL 2238, VDE, UV resistant** |
| Area | **Bayonet HEC** |
| Series | **696** |
| Part no. | **99 6518 100 12** |

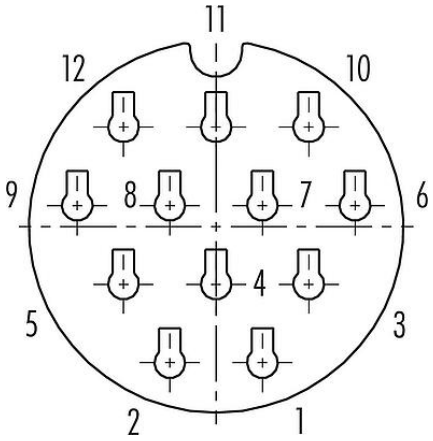
### Illustration (may vary)



### 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. | 99 6518 100 12 |
| Connector design | Female cable connector |
| Version | Connector socket straight |
| Connector locking system | Bayonet |
| Termination | crimping (Crimp contacts must be ordered separately) |
| Degree of protection | IP68/IP69K |
| Connection cross-section | 0.14-0.75 mm² / AWG 26-18 |
| Cable outlet | 7.0-13.0 mm |
| Temperature range from/to | -40 °C / 100 °C |
| Mechanical operation | > 500 Mating cycles |
| Weight (g) | 75.32 |
| Customs tariff number | 85369010 |
| Country of Origin | DE |

### Electrical parameters

| | |
|---|---|
| Rated voltage | 250 V |
| Rated impulse voltage | 4000 V |
| Rated current | 5.0 A |
| Insulation resistance | > $10^8$ Ω |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| EMC compliance | unshielded |

**Product data sheet**

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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 2238, VDE |

## Classifications

| | |
|---|---|
| eCl@ss 11.1 | 27-44-01-02 |
| ETIM 9.0 | EC002635 |

## Declarations of conformity

| | |
|---|---|
| Low Voltage Directive | EN 60529:1991 \| EN 60204-1:2018 |

## Trade-Compliance

| | |
|---|---|
| Copper (9903.78.01) | 0.001008 kg |

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## Assembly instructions

1. *Strip to L = 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 to L = 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 positioning of the contacts is stamped on the contact carrier.*

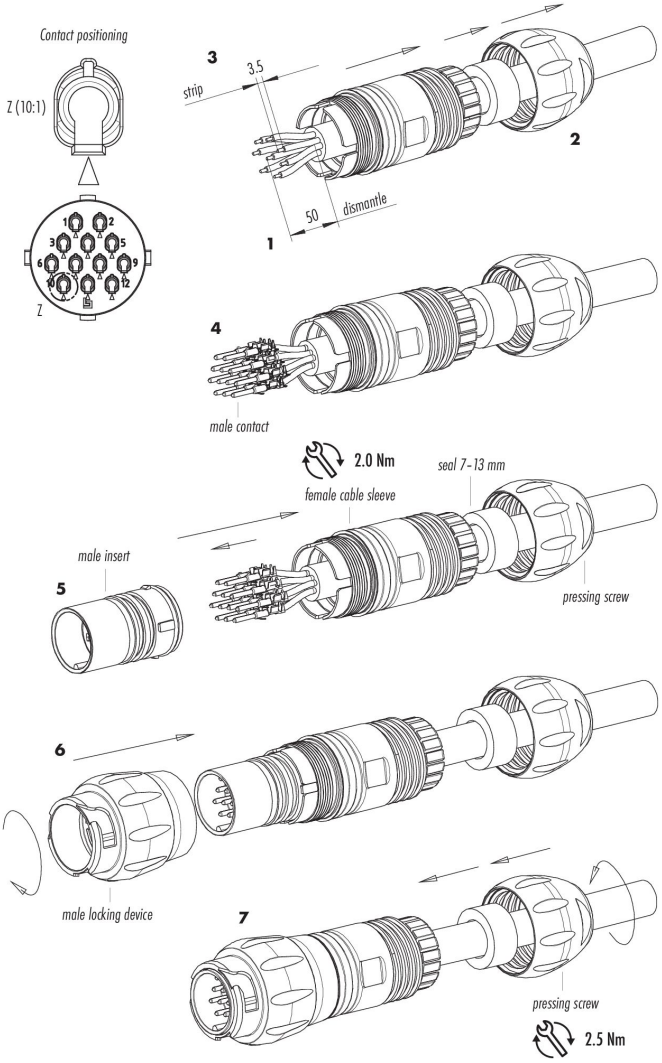
6. *Put locking unit to the thread of the connector sleeve and screw it with slight pressure towards the direction marked with an arrow until it stops. (recommended torque 0.8 Nm)*
7. *Push sealing ring into the pinch ring to block and fix both by screwing the pressing screw towards the connector sleeve. (recommended torque 2.5 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 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 0090 000*

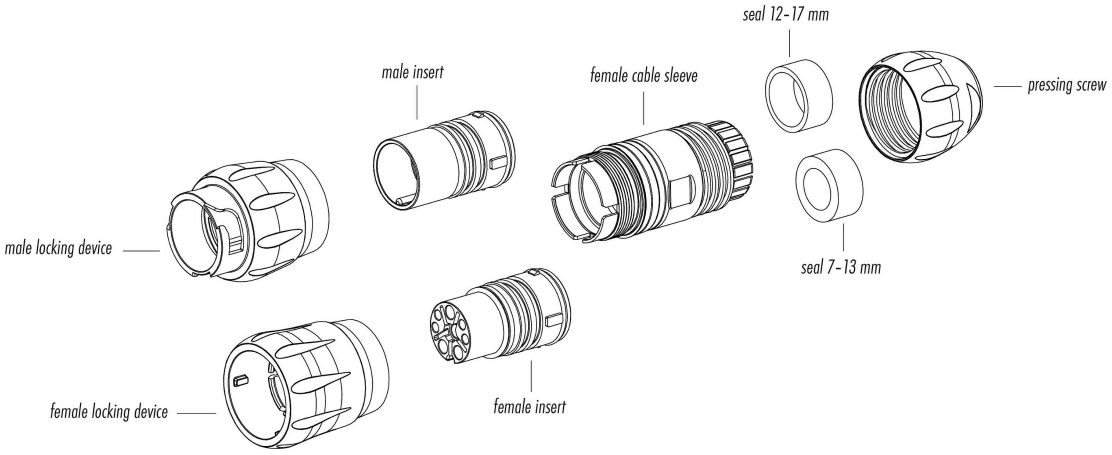



Date: 03.10.2026

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### Component part drawing




Date: 03.10.2026

**Product data sheet**
# Power connectors

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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.

To protect against unintentional opening of the connector, the thread between the housing and the connector head must be secured with a suitable cyanoacrylate adhesive when used in circuits with voltages dangerous to the touch. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

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.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".