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| Product description | Bajonett HEC female 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 6518 000 12 |

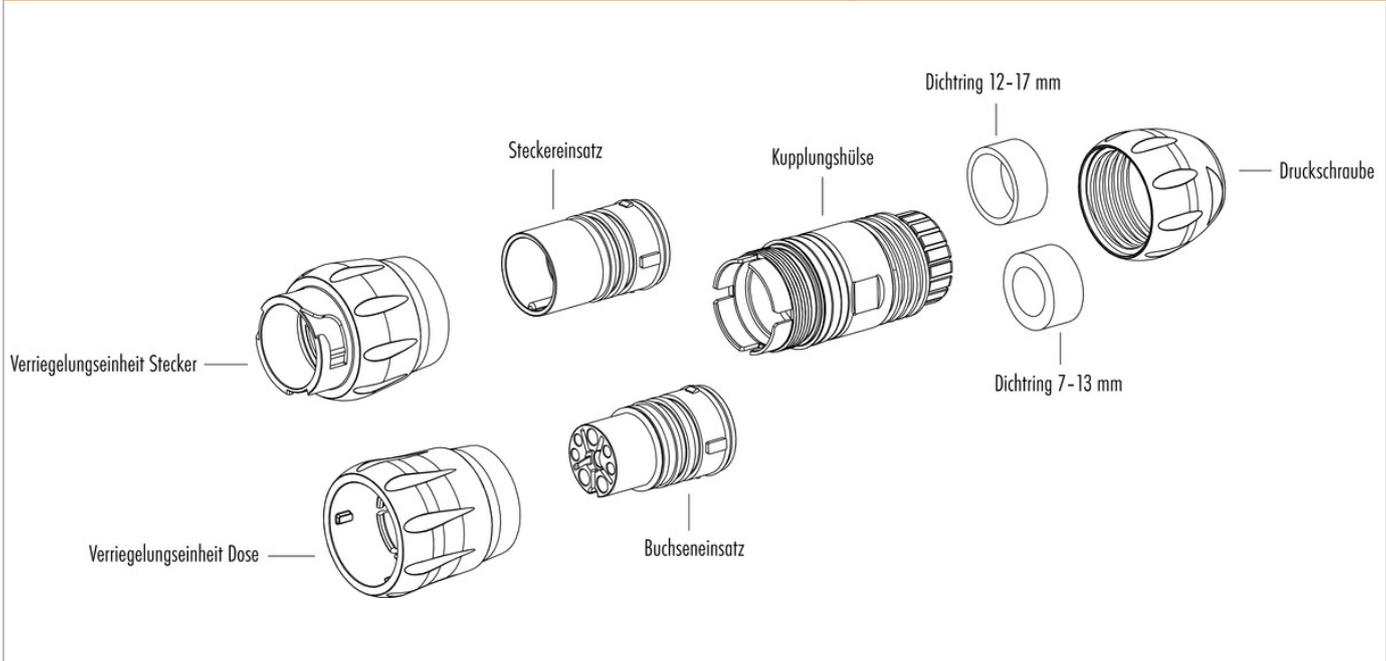
| Illustration | Scale drawing | Contact arrangement (Plug-in side) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|--|--|---|---|---|-----|------|---|------|------|---|-----|------|---|---|------|---|------|------|---|-----|-----|---|-----|-----|---|------|-----|---|------|-----|----|-----|-----|----|---|-----|----|------|-----|
| | | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,4</td><td>-7,1</td></tr> <tr><td>2</td><td>-2,4</td><td>-7,1</td></tr> <tr><td>3</td><td>4,8</td><td>-3,0</td></tr> <tr><td>4</td><td>0</td><td>-3,0</td></tr> <tr><td>5</td><td>-4,8</td><td>-3,0</td></tr> <tr><td>6</td><td>7,2</td><td>1,1</td></tr> <tr><td>7</td><td>2,4</td><td>1,1</td></tr> <tr><td>8</td><td>-2,4</td><td>1,1</td></tr> <tr><td>9</td><td>-7,2</td><td>1,1</td></tr> <tr><td>10</td><td>4,8</td><td>5,2</td></tr> <tr><td>11</td><td>0</td><td>5,2</td></tr> <tr><td>12</td><td>-4,8</td><td>5,2</td></tr> </tbody> </table> | | 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 |
| | 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 | female 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 | |
| Electrical values | | |
| Rated current (40 °C) | 5 A | |
| Rated voltage | 250 V | |
| Rated impulse voltage | 4000 V | |
| Pollution degree | 3 | |
| Overtoltage 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 | |
| Cable data | | |
| Approval 1 | UL | |
| Approval 2 | VDE | |

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Component part drawing



Assembly instructions / Panel cut-out

- Strip to 50 mm length and take off cable jacket.
- Boil pressing screw, pinch ring, seal and distance sleeve to cable.
- Strip insulation of the single wires (length 3,5 mm).
- Crimp contacts to single wires.*
- 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 stop.

- 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 Nm)
- Push sealing ring into the pinch ring to block and fix both by screwing the pressing screw towards the connector sleeve. (recommended torque 250 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 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.