### Product data sheet

#### Power connectors

**Product description**  
Bajonett HEC male cable connector, Contacts: 12, 7.0 - 13.0 mm, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE

**Area**  
Bajonett HEC series 696

**Order number**  
99 6517 000 12

---

#### 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

<table>
<thead>
<tr>
<th>Order number</th>
<th>99 6517 000 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector design</td>
<td>male cable connector</td>
</tr>
<tr>
<td>Version</td>
<td>connector male straight</td>
</tr>
<tr>
<td>Connector locking system</td>
<td>Bayonet</td>
</tr>
<tr>
<td>Termination</td>
<td>crimp (Crimp contacts must be ordered separately)</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP68/IP69K</td>
</tr>
<tr>
<td>Cross-sectional area</td>
<td>see crimp contacts under accessories 7.0 - 13.0 mm</td>
</tr>
<tr>
<td>Cable outlet</td>
<td>-40 °C / 100 °C</td>
</tr>
<tr>
<td>Temperature range from/to</td>
<td>&gt; 500 Mating cycles</td>
</tr>
<tr>
<td>Mechanical operation</td>
<td></td>
</tr>
<tr>
<td>Weight (g)</td>
<td>55.897</td>
</tr>
<tr>
<td>Customs tariff number</td>
<td>85369010</td>
</tr>
</tbody>
</table>

##### Material

- **Housing material**: PA
- **Contact body material**: PA depending on crimp contact (accessory)
- **Contact material**: No pollutants
- **REACH SVHC**: No pollutants

##### Authorization/approvals

- **Approval 1**: UL
- **Approval 2**: VDE

##### Declarations of conformity

Product description
Bajonett HEC male cable connector, Contacts: 12, 7.0 - 13.0 mm, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE

Area
Bajonett HEC series 696

Order number
99 6517 000 12

Component part drawing

Assembly instructions / Panel cut-out

1. Strip to 10 mm length and take off cable jacket.
2. Bend carrier nose, pinch ring, and cable clamps close to relief.
3. Grip location of the single core (Engage 3.5 mm).
4. Insert connector to single core.
5. Two clipped contacts are connected when they snap into place. Push the screw into the connector shown to block.

Assembly panel to the base:

1. Fit housing unit in the thread of the connection dome and screw with slight pressure towards the flange until it is tight (recommended torque 80 Ncm).
2. Reel seating ring into the panel to block and fix body seating the pressing core towards the connection dome (recommended torque 250 Ncm).

Fixing the contacts

At the connector see 3.4. on the seating tool can be inserted with slight angular movement to view. Otherwise press the tensioning direction:

- Crimping tool for single contact - Dimensions: s. 032711.1.400
- Crimping tool for 3-contacts - Dimensions: s. 032711.3.400
- Seating tool for contacts - Dimensions: 07.0000.000

Date: 2020-09-26 - Page 2 of 3
Product data sheet

Power connectors

<table>
<thead>
<tr>
<th>Product description</th>
<th>Bajonett HEC male cable connector, Contacts: 12, 7.0 - 13.0 mm, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>Bajonett HEC series 696</td>
</tr>
<tr>
<td>Order number</td>
<td>99 6517 000 12</td>
</tr>
</tbody>
</table>

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.

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.