

Product description	<b>Bajonett HEC female cable connector, Contacts: 4+3+PE, 7.0 - 17.0 mm, shielding is not possible, crimp (Crimp contacts must be ordered separately), IP68/IP69K, UL, VDE</b>
Area	<b>Bajonett HEC series 696</b>
Order number	<b>99 6502 100 08</b>

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>3,68</td><td>5,50</td></tr> <tr><td>2</td><td>0</td><td>-6,60</td></tr> <tr><td>3</td><td>-3,68</td><td>5,50</td></tr> <tr><td>4</td><td>7,25</td><td>0,20</td></tr> <tr><td>5</td><td>5,90</td><td>-4,20</td></tr> <tr><td>6</td><td>-5,90</td><td>-4,20</td></tr> <tr><td>7</td><td>-7,25</td><td>0,20</td></tr> <tr><td>PE</td><td>0</td><td>0</td></tr> </tbody> </table> <p style="margin-left: auto; margin-right: auto;">                     1, 2, 3, Ⓢ Ø 2,5 mm                      4, 5, 6, 7 Ø 1,6 mm                 </p>		X	Y	1	3,68	5,50	2	0	-6,60	3	-3,68	5,50	4	7,25	0,20	5	5,90	-4,20	6	-5,90	-4,20	7	-7,25	0,20	PE	0	0
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## Technical data

### General values

Connector design	female cable connector
Connector locking system	Bayonet
Termination	crimp (Crimp contacts must be ordered separately)
Wire gauge (mm)	0.14 - 2.50 mm <sup>2</sup>
Wire gauge (AWG)	26 - 14
Cable outlet	7.0 - 17.0 mm
Upper limit temperature	100 °C
Lower limit temperature	- 40 °C
Customs tariff number	85369010
Packaging Unit	100

### Electrical values

Rated current (40 °C)	3 A signal / 25 A Power (20 A UL)
Rated voltage	60 V Signal / 400 V Power V
Rated impulse voltage	1000 V
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Insulation resistance	> 10 <sup>8</sup> Ω
EMC compliance	shielding is not possible
Degree of protection	IP68/IP69K
Mechanical operation	> 1000 Mating cycles

### Cable data

Approval 1	UL
Approval 2	VDE

### Material

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

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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.