

# Product sheet

## Subminiature connector



Product Pole	<b>Contacts: 4, Cable plug connector</b> 4	Area Article number	<b>M9 IP40 Series 711</b> 99 0079 102 04
--------------	---	---------------------	---

Illustration	Scale drawing	Contact Arrangement															
		<table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,11</td> <td>-1,11</td> </tr> <tr> <td>2</td> <td>1,11</td> <td>1,11</td> </tr> <tr> <td>3</td> <td>-1,11</td> <td>1,11</td> </tr> <tr> <td>4</td> <td>-1,11</td> <td>-1,11</td> </tr> </tbody> </table>		X	Y	1	1,11	-1,11	2	1,11	1,11	3	-1,11	1,11	4	-1,11	-1,11
	X	Y															
1	1,11	-1,11															
2	1,11	1,11															
3	-1,11	1,11															
4	-1,11	-1,11															

You can find the item description on the next page.

## Technical data

### Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	0.25 mm <sup>2</sup>
Wire gauge (AWG)	24
Cable outlet	4 - 5 mm
Upper temperature	85 °C
Lower temperature	-40 °C

### Cable data

material housing	-
Insulation single lead	-
Single lead structure	-
Conductor resistance	-

### Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shieldable
Degree of protection	IP40
Mechanical operation	> 500 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA (UL 94 V-0)
Material of housing	PA (UL 94 VH-B)

Contacts: 4, cable plug connector, cable outlet 4 - 5 mm

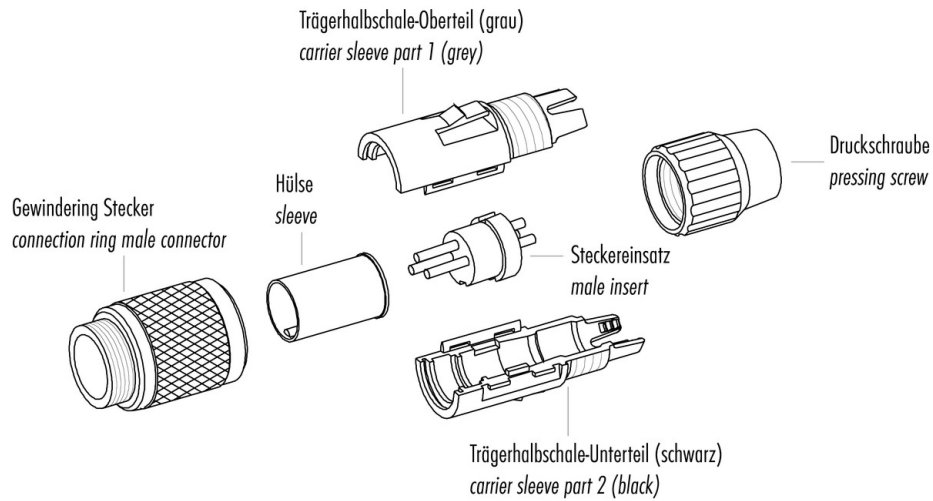
Product  
Pole

Contacts: 4, Cable plug connector  
4

Area  
Article number

M9 IP40 Series 711  
99 0079 102 04

### Item description



**Achtung:** max. Drehmoment des Gewindinges im Flanschsteckverbinder: 50cNm (handfest)  
**Attention:** max. torque of ring nut in socket connector: 50cNm (manual adjustment)