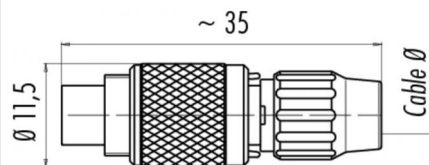


Product description	M9 IP40 cable connector, Contacts: 7, 3.0 - 4.0 mm, Shielding is not possible, solder, IP40
Area	M9 IP40 series 711
Order number	99 0475 100 07

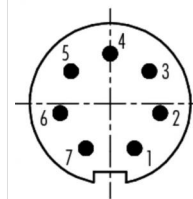
Illustration



Scale drawing



Contact arrangement



	X	Y
1	0,90	-1,65
2	1,85	-0,35
3	1,45	1,20
4	0,00	1,85
5	-1,45	1,20
6	-1,85	-0,35
7	-0,90	-1,65

You can find the component part drawing on the next page.

Technical data

General values

Connector design	cable connector
Connector locking system	screw
Termination	solder
Wire gauge (mm)	0.14 mm ²
Wire gauge (AWG)	26
Cable outlet	3.0 - 4.0 mm
Upper limit temperature	85 °C
Lower limit temperature	- 40 °C
Customs tariff number	85369010

Electrical values

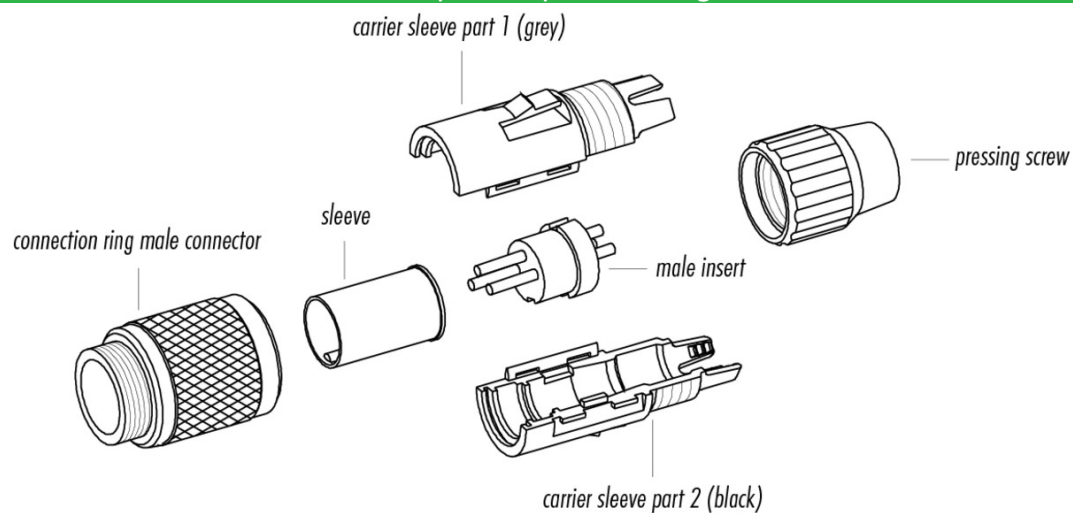
Rated current (40 °C)	1 A
Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Insulating material group	III
Volume resistivity	≤ 3 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
EMC compliance	Shielding is not possible
Degree of protection	IP40
Mechanical operation	> 500 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PA (UL 94 V-0)
Housing material	PA

Product description	M9 IP40 cable connector, Contacts: 7, 3.0 - 4.0 mm, Shielding is not possible, solder, IP40
Area	M9 IP40 series 711
Order number	99 0475 100 07

Component part drawing



Attention: max. torque of ring nut in socket connector: 50cNm (manual adjustment)

Product description	M9 IP40 cable connector, Contacts: 7, 3.0 - 4.0 mm, Shielding is not possible, solder, IP40
Area	M9 IP40 series 711
Order number	99 0475 100 07

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.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).