

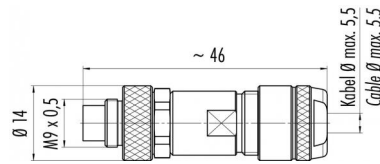
Product Cable plug connector, 360° EMC-safe, iris spring, shieldable
Area M9 connectors IP 67 serie 712

Pole 7
Article number 99 0421 115 07

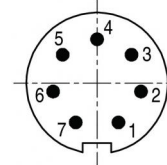
illustration



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 item description and assembly instruction on the next page.

Technical data

Common values

Connector Design	Male cable connector
Termination	solder
Wire gauge (mm)	0,14 mm ²
Wire gauge (AWG)	26
Cable outlet	3,5 - 5 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	CUZn (brass nickel plated)

Cable data

material housing	-
insulation single lead	-
single lead structure	-
conductor resistance	-

Electrical values

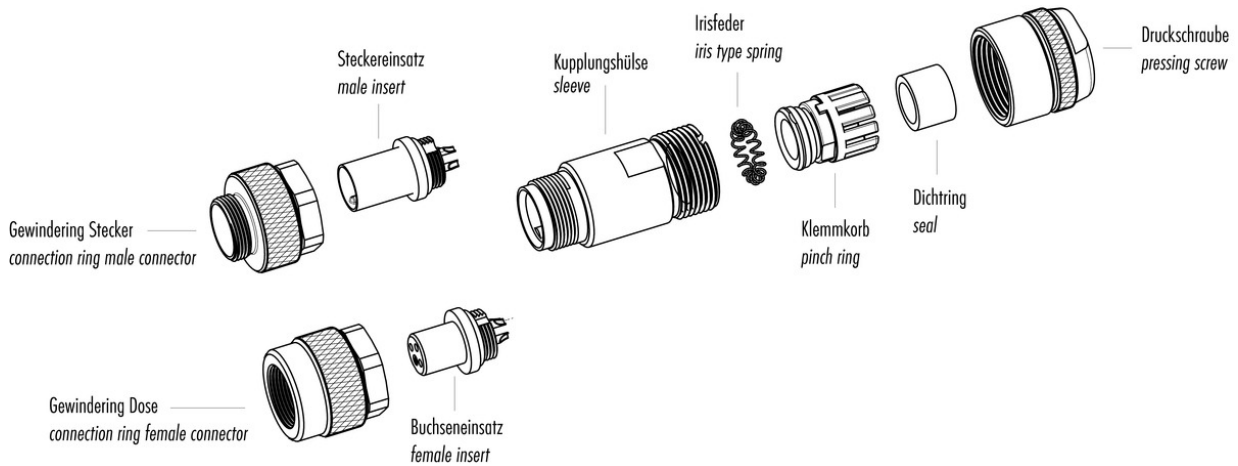
Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	I
Overvoltage category	II
Material group	III
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>500 mating cycles

Number of pins: 7, cable plug connector, 360°
EMC-safe, iris spring, shieldable



Product Area	Cable plug connector, 360° EMC-safe, iris spring, shieldable M9 connectors IP 67 serie 712	Pole Article number	7 99 0421 115 07
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Item description



Installation instructions / Mounting cutout

- Schirmdurchmesser > 3,5 mm**
 1. Gehäuse auf Kabel auffädeln.
 2. Abisolieren, Schirm kürzen.
 3. Litzen anlöten.
 4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben und Druckschraube festdrehen.

- Shield-diameter > 3,5 mm**
 1. Bead housing to cable.
 2. Strip single cores, shorten shielding braid.
 3. Solder wires.
 4. Screw housing to male or female contact carrier and fix pressing screw.

- Schirmdurchmesser ≤ 3,5 mm**
 1. Gehäuse auf Kabel auffädeln.
 2. Abisolieren, Schirm kürzen, Schirm über Kabelmantel legen, mit Kupfer-Schirmfolie ca. 1 1/2 mal umwickeln und die Folie kürzen.
 3. Litzen anlöten.
 4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben und Druckschraube festdrehen.

- Shield-diameter ≤ 3,5 mm**
 1. Bead housing to cable.
 2. Strip single cores, shorten shielding braid, put braid over cable coating, wrap it approx. 1 1/2 times with shielded copper tape and shorten tape.
 3. Solder wires.
 4. Screw housing to male or female contact carrier and fix pressing screw.

