

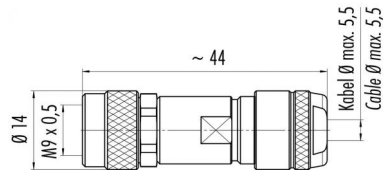
Product Area Female cable connector 360° EMC safe, shieldable, iris spring  
M9 connectors IP 67 serie 712

Pole 7  
Article number 99 0422 115 07

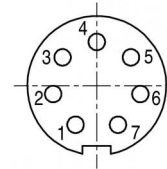
illustration



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	Female cable connector
Termination	solder
Wire gauge (mm)	0,14 mm <sup>2</sup>
Wire gauge (AWG)	26
Cable outlet	3,5 - 5 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA (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

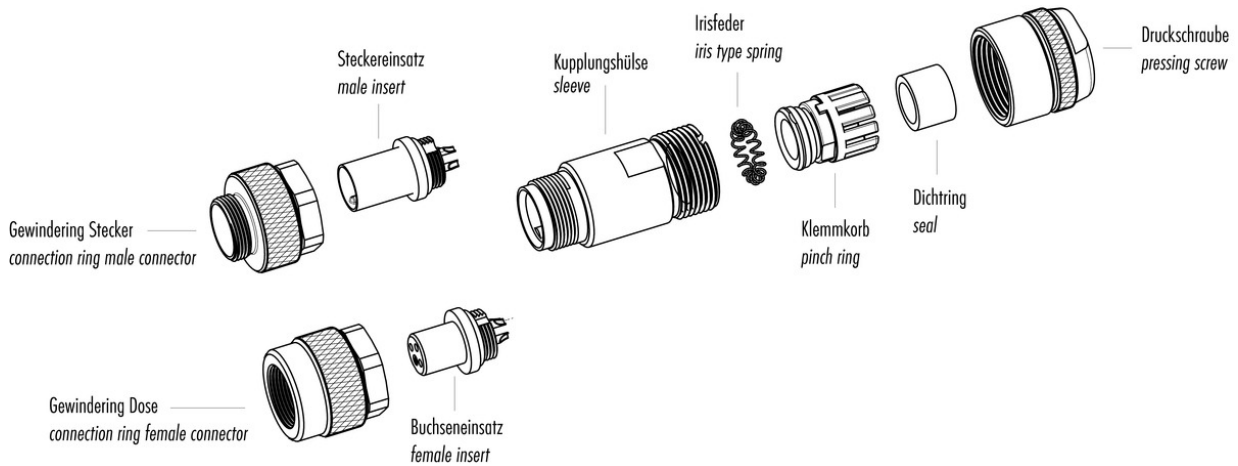
Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	I
Overvoltage category	II
Material group	III
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 67
Mechanical operation	>500 mating cycles

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



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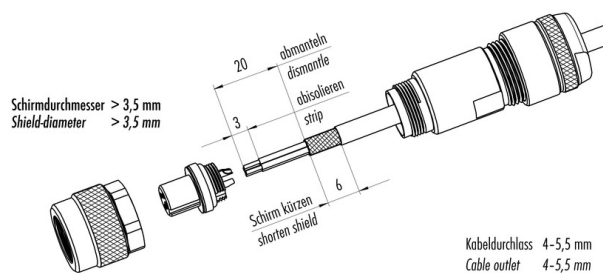
**Item description**



**Installation instructions / Mounting cutout**

- Schirmdurchmesser > 3,5 mm**  
Shield-diameter > 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**  
Shield-diameter ≤ 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.

