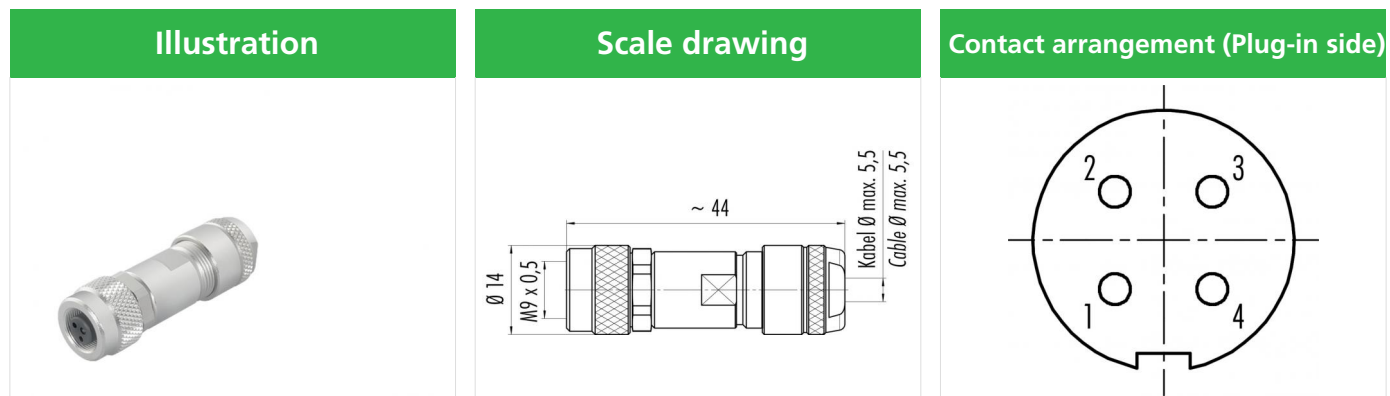


Product description	M9 IP67 female cable connector, Contacts: 4, 4.0 - 5.5 mm, shieldable, solder, IP67
Area	M9 IP67 series 712
Order number	99 0410 115 04



You can find the component part drawing and assembly instructions on the next page.

Technical data

General features

Order number	99 0410 115 04
Connector design	female cable connector
Version	connector female
Connector locking system	straight
Termination	screw
Degree of protection	solder
Cross-sectional area	IP67
Cable outlet	max. 0.25 mm ² / max.
Temperature range from/to	AWG 24
Mechanical operation	4.0 - 5.5 mm
Weight (g)	-40 °C / 85 °C
Customs tariff number	> 500 Mating cycles
	25.591
	85369010

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	1500 V
Rated current (40 °C)	3 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable
Shield connection	Iris spring

Material

Contact body material	PA (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Locking material	CuZn (Brass nickel plated)
REACH SVHC	CAS 7439-92-1 (Lead)

Classifications

eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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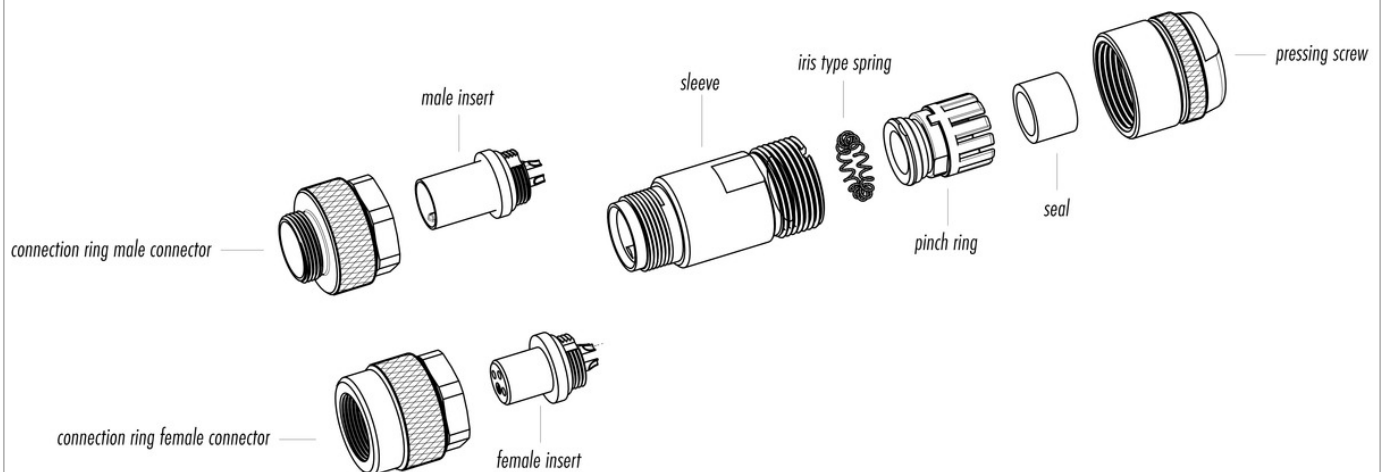
Product data sheet

Subminiature connectors



Product description	M9 IP67 female cable connector, Contacts: 4, 4.0 - 5.5 mm, shieldable, solder, IP67
Area	M9 IP67 series 712
Order number	99 0410 115 04

Component part drawing

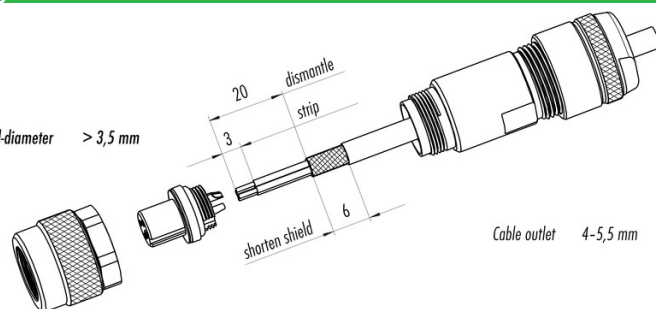


Assembly instructions / Panel cut-out

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.

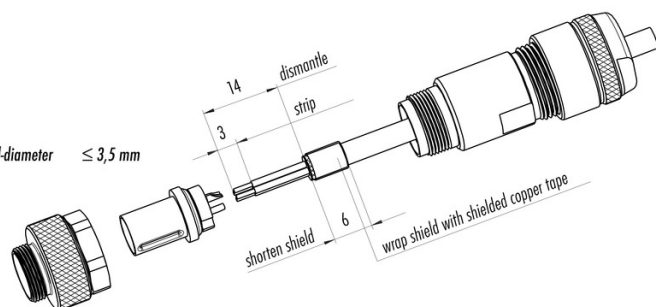
Shield-diameter > 3,5 mm



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.

Shield-diameter ≤ 3,5 mm



Product description	M9 IP67 female cable connector, Contacts: 4, 4.0 - 5.5 mm, shieldable, solder, IP67
Area	M9 IP67 series 712
Order number	99 0410 115 04

Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).