Product data sheet

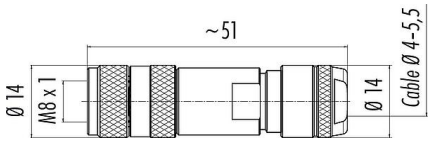
Automation technology - Data transmission

Product description	**M8 Female cable connector, Contacts: 4, 4.0-5.5 mm, shieldable, screw clamp, IP67, M8x1.0, iris spring**
Area	**M8-D**
Coding	**D-coded**
Series	**818**
Part no.	**99 3368 100 04**

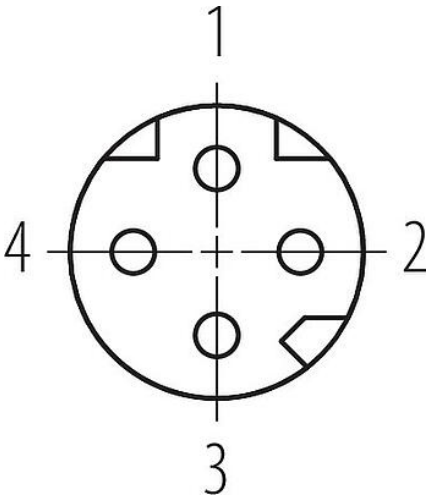
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



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

Technical data

General features

Part no.	99 3368 100 04
Connector design	Female cable connector
Type standard	DIN EN 61076-2-114
Coding	D-coded
Version	Connector socket straight
Connector locking system	screw
Termination	screw clamp
Degree of protection	IP67
Connection cross-section	0.14-0.50 mm²
Cable outlet	4.0-5.5 mm
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	28.22
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	63 V
Rated impulse voltage	1500 V
Rated current	4.0 A

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Insulation resistance	≥ 10^{8} Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	shieldable
Shield connection	Iris type spring

Material

Housing material	CuZn (Brass nickel plated)
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	31b9c48e-0a85-49c1-8bbc-183449406af5

Authorization/approvals

Norms and regulations	DIN EN 61373 DIN EN 45545-2 (according to requirement set R26 (HL1 - HL3))

Classifications

eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

Trade-Compliance

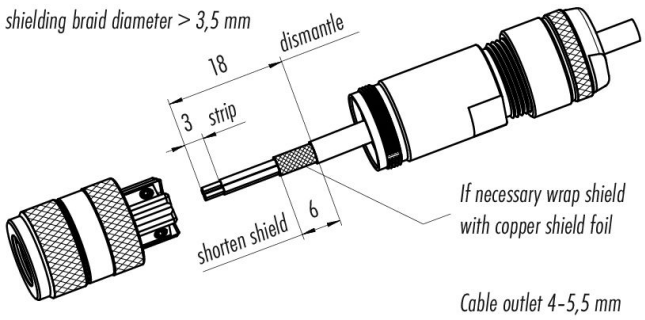
Copper (9903.78.01)	0.000221 kg

Product data sheet

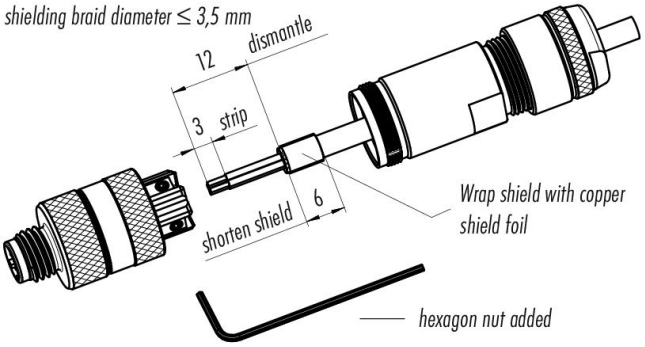
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Assembly instructions



1. Bead housing to cable.
2. Strip cable, shorten shielding braid.
3. Connect single wires.
4. Screw housing to either male or female contact carrier and tighten pressing screw.



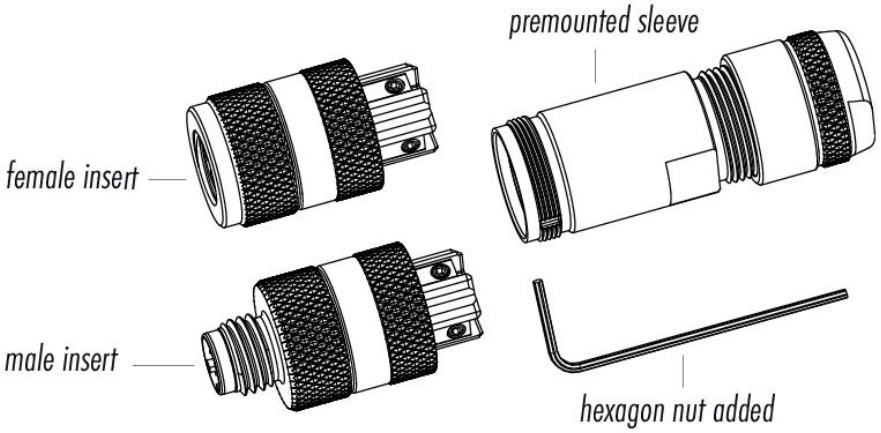
1. Bead housing to cable.
2. Strip cable, shorten shielding braid, place it over cable coating, wrap it approx. 1 1/2 times with copper shield foil and shorten foil.
3. Connect single wires.
4. Screw housing to either male or female contact carrier and tighten pressing screw.

Product data sheet

Automation technology - Data transmission

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Component part drawing



Product data sheet

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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.

To protect against unintentional opening of the connector, the thread between the housing and the connector head must be secured with a suitable cyanoacrylate adhesive when used in circuits with voltages dangerous to the touch. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

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.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 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.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 40 cNm).