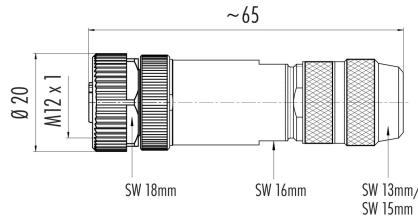


Product description	M12-A female cable connector, Contacts: 4, 5.0 - 8.0 mm, shieldable, wire clamp, IP67
Area	M12-A series 713
Order number	99 1528 814 04

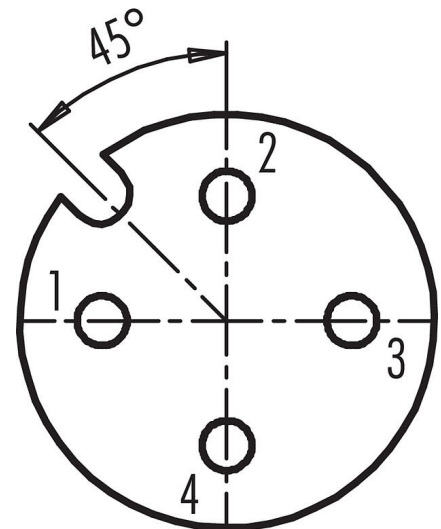
## Illustration



## 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

Order number	99 1528 814 04
Connector design	female cable connector
Version	connector female straight
Connector locking system	screw
Termination	wire clamp
Degree of protection	IP67
Cross-sectional area	max. 0.50 mm <sup>2</sup> / max. AWG 20
Cable outlet	5.0 - 8.0 mm
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	47.503
Customs tariff number	85369010

### Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current (40 °C)	4 A

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Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable
Shield connection	Iris spring

## Material

Housing material	Zinc die-cast nickel-plated
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)

## Classifications

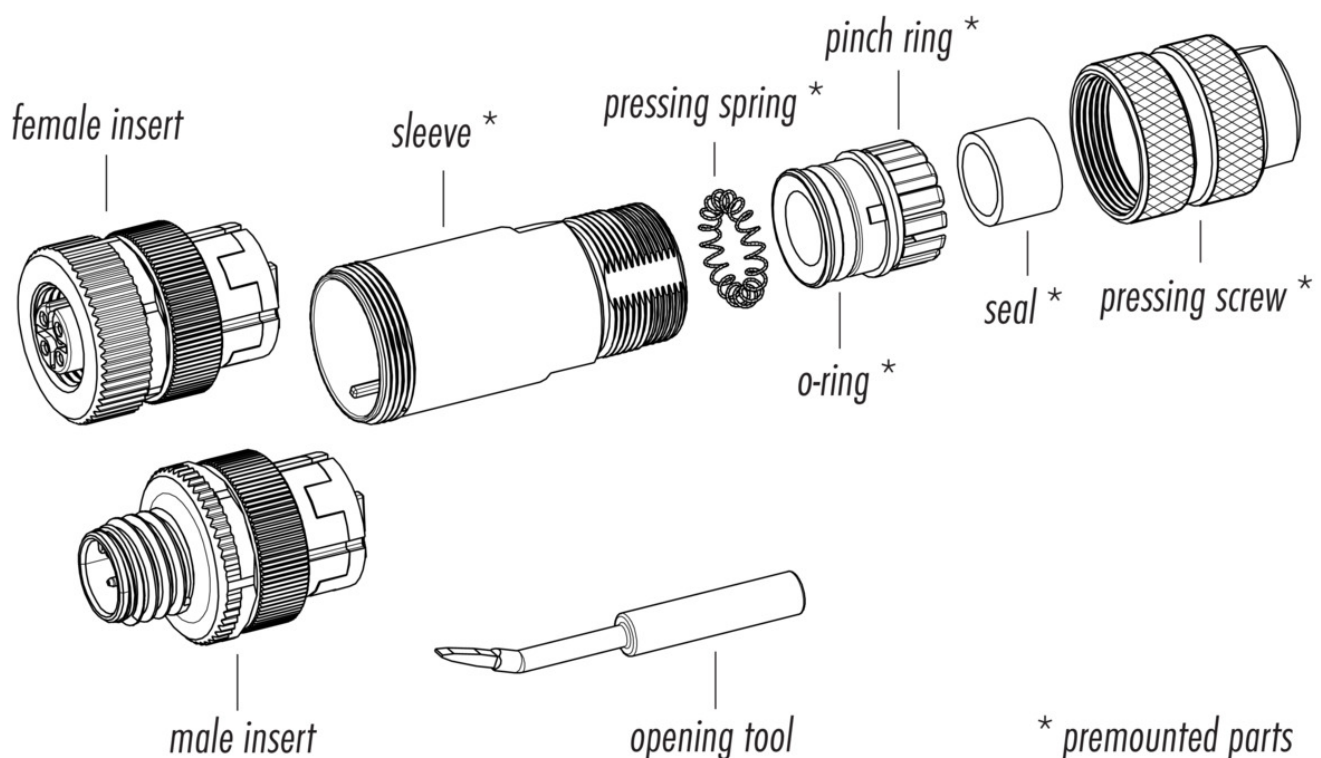
eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

## Declarations of conformity

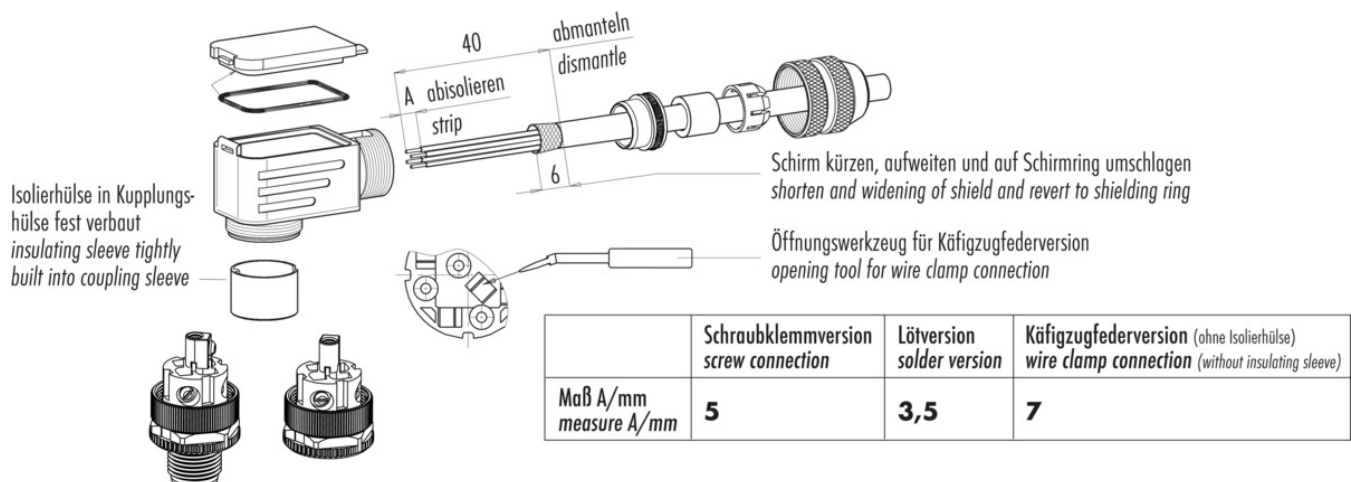
Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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Product description	M12-A female cable connector, Contacts: 4, 5.0 - 8.0 mm, shieldable, wire clamp, IP67
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## Component part drawing



## Assembly instructions



Product description	<b>M12-A female cable connector, Contacts: 4, 5.0 - 8.0 mm, shieldable, wire clamp, IP67</b>
Area	<b>M12-A series 713</b>
Order number	<b>99 1528 814 04</b>

## 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.

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. 60 cNm).