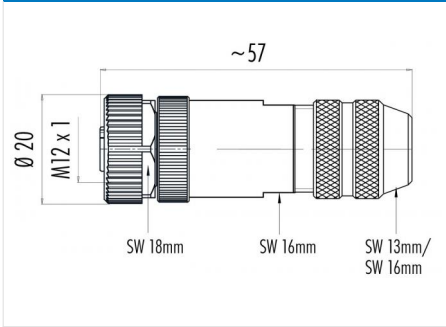


Product description	M12-A female cable connector, Contacts: 12, 6.0 - 8.0 mm, shieldable, solder, IP67, UL
Area	M12-A series 713
Order number	99 1492 812 12

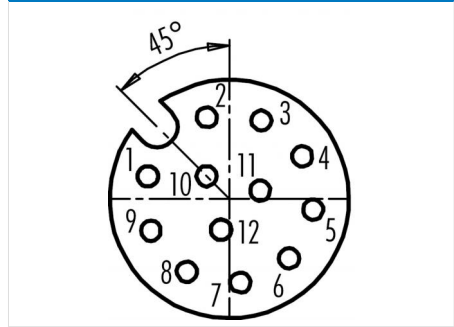
**Illustration**



**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 1492 812 12
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 <sup>2</sup> / max. AWG 24
Temperature range from/to	6.0 - 8.0 mm
Mechanical operation	-40 °C / 85 °C
Weight (g)	> 100 Mating cycles
Customs tariff number	49.956
	85369010

**Electrical parameters**

Rated voltage	30 V
Rated impulse voltage	500 V
Rated current (40 °C)	1.5 A (2 A UL)
Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable
Shield connection	shield ring

**Material**

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

**Authorization/approvals**

Approvals	UL
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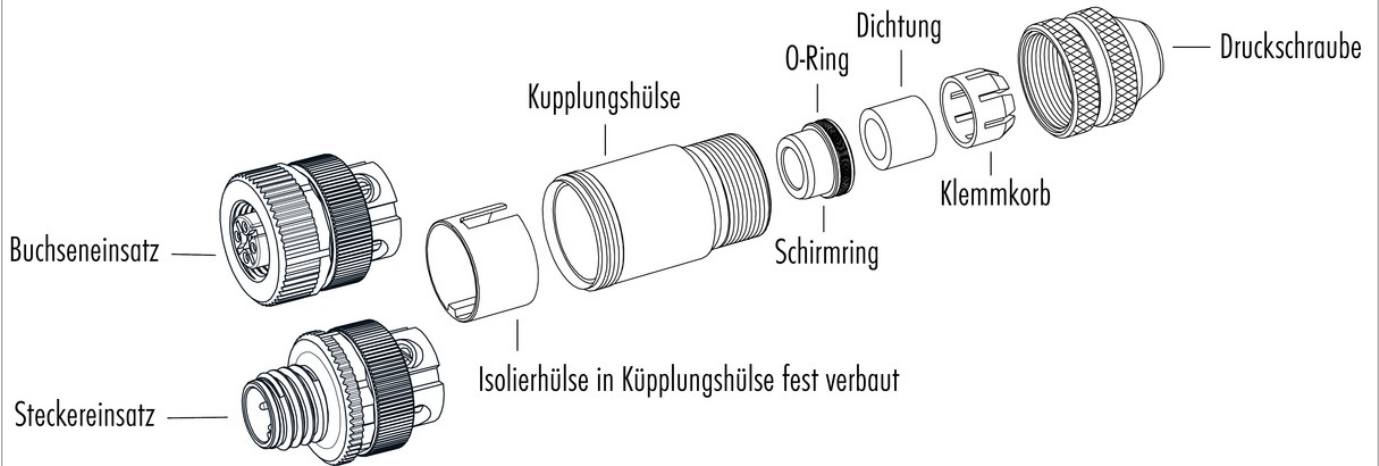
**Classifications**

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

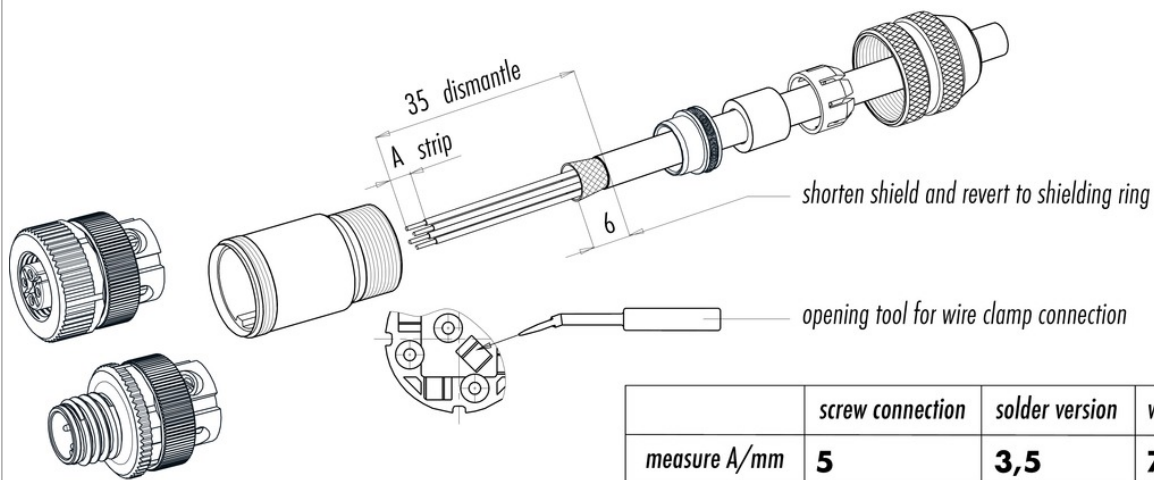
Product description M12-A female cable connector, Contacts: 12, 6.0 - 8.0 mm, shieldable, solder, IP67, UL

Area M12-A series 713  
Order number 99 1492 812 12

Component part drawing



Assembly instructions / Panel cut-out



	screw connection	solder version	wire clamp connection
measure A/mm	<b>5</b>	<b>3,5</b>	<b>7</b>

Product description	M12-A female cable connector, Contacts: 12, 6.0 - 8.0 mm, shieldable, solder, IP67, UL
Area	M12-A series 713
Order number	99 1492 812 12

## Security notices

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.

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).