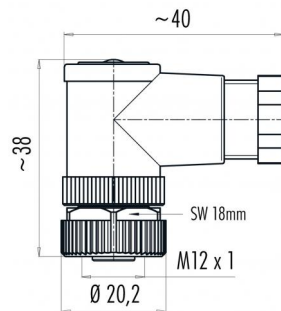


Product description	M12-A female angled connector, Contacts: 8, 6.0 - 8.0 mm, unshielded, screw clamp, IP67, UL
Area	M12-A series 713
Order number	99 0486 52 08

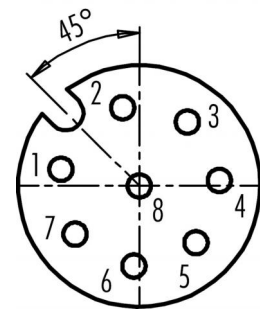
## Illustration



## 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 0486 52 08
Connector design	female angled connector
Version	connector female angled screw
Connector locking system	screw clamp
Termination	IP67
Degree of protection	max. 0.50 mm <sup>2</sup> / max. AWG 20
Cross-sectional area	6.0 - 8.0 mm
Cable outlet	90° (4 coding options)
Twistability	-40 °C / 85 °C
Temperature range from/to	> 100 Mating cycles
Mechanical operation	85369010
Customs tariff number	

### Electrical parameters

Rated voltage	30 V
Rated impulse voltage	800 V
Rated current (40 °C)	2 A
Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	III
EMC compliance	unshielded

### Material

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

### Authorization/approvals

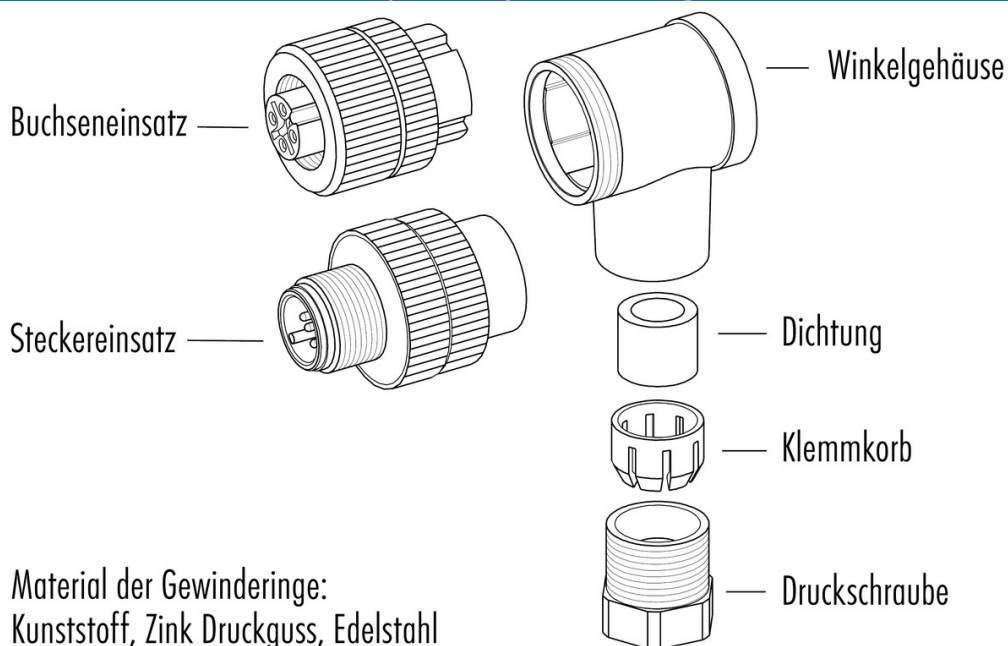
Approval 1	UL
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### Classifications

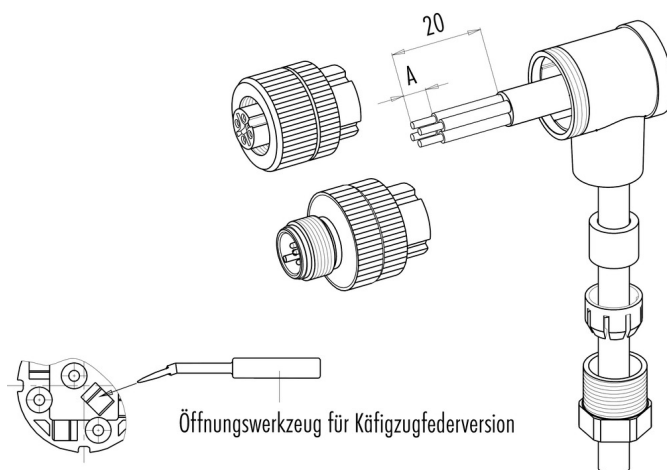
eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

Product description	M12-A female angled connector, Contacts: 8, 6.0 - 8.0 mm, unshielded, screw clamp, IP67, UL
Area	M12-A series 713
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### Component part drawing



### Assembly instructions / Panel cut-out



	Schraubklemmversion	Lötversion	Käfigzugfederversion
Maß A/mm	<b>5</b>	<b>3,5</b>	<b>7</b>

Material der Gewinderinge: Kunststoff, Zink Druckguss, Edelstahl

Product description	M12-A female angled connector, Contacts: 8, 6.0 - 8.0 mm, unshielded, screw clamp, IP67, UL
Area	M12-A series 713
Order number	99 0486 52 08

## 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. 50 cNm).