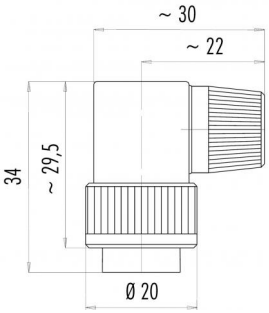
Product data sheet

Miniature connectors

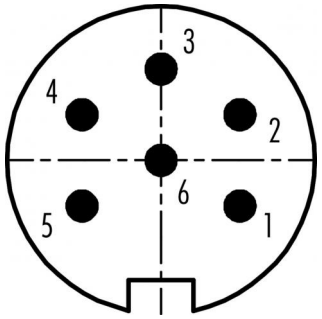
Product description	**Bayonet male angled connector, Contacts: 6 DIN, 6.0 - 8.0 mm, unshielded, solder, IP40**
Area	**Bayonet series 678**
Order number	**99 0617 72 06**

Illustration

Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing on the next page.

Technical data

General values

Connector design	male angled connector
Connector locking system	Bayonet
Termination	solder
Wire gauge (mm)	max. 0.75 mm²
Wire gauge (AWG)	max. AWG 18
Cable outlet	6.0 - 8.0 mm
Upper limit temperature	85 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

Rated current (40 °C)	6 A
Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	≥ 10^{10} Ω
EMC compliance	unshielded
Degree of protection	IP40
Mechanical operation	> 500 Mating cycles

Material

Contact material	CuZn (brass)
Contact plating	Ag (silver)
Contact body material	PBT (UL94 V-0)
Housing material	PA
REACH SVHC	CAS 7439-92-1 (Lead)

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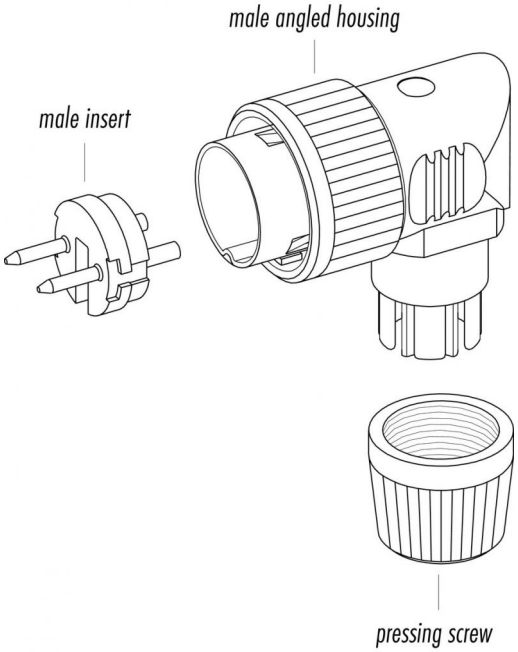
Component part drawing



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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.
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 plug connector is not suitable for mains voltages Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".