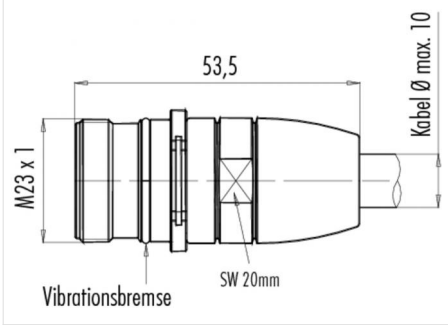


Product description	Contacts: 12, coupling socket, shieldable, right-turning
Area	M23 Power Series 623
Order number	99 4628 00 12

Illustration



Scale drawing



Contact arrangement

	X	Y
1	-3,60	4,30
2	-5,55	1,00
3	-4,90	-2,80
4	-1,90	-5,30
5	1,90	-5,30
6	4,90	-2,80
7	5,55	1,00
8	3,60	4,30
9	0,00	4,50
10	-1,90	1,00
11	0,00	-2,20
12	1,90	1,00

You can find the assembly instructions on the next page.

Technical data

General values

Connector design	Kabeldose
Connector locking system	schraub
Termination	löten
Wire gauge (mm)	1,00 mm ²
Wire gauge (AWG)	18
Cable outlet	6,0 - 10,0 mm
Upper limit temperature	125 °C
Lower limit temperature	-20 °C

Electrical values

Rated voltage	150 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Rated current (40 °C)	8 A
Volume resistivity	≤ 3 mΩ
EMC compliance	schirmbar
Degree of protection	IP67
Mechanical operation	> 50 Steckzyklen

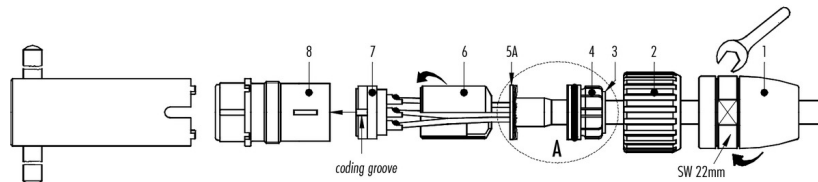
Material

Contact material	CuSn (bronze)
Contact plating	Au (Gold)
Contact body material	PBT/PA66

Product description **Contacts: 12, coupling socket, shieldable, right-turning**

Area **M23 Power Series 623**
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Assembly instructions / Panel cut-out



- Adapter Pos. 1, Übermutter Pos. 2, Dichtelement Pos. 4 mit Dichtring Pos. 3 auf das Kabel schieben.
- Kabel-Außenmantel 23 mm abisolieren.
- Detail A: Schirmgeflecht 90° hochstellen, Schirmhülse Pos. 5A über die Folie bzw. Baumwollgeflecht jedoch unter das Schirmgeflecht mit drehender Bewegung schieben. Schirmgeflecht bündig mit Außendurchmesser Schirmhülse Pos. 5A abschneiden.
- Folie, Füller und innere Isolierungen abschneiden.
- Litzen 3,5 mm abisolieren, verdrehen und verzinnen.
- Litzen an Kontakte löten, crimpen oder schrauben.
- Distanzhülse Pos. 6 einfügen.
- Einsatz Pos. 7 und Distanzhülse Pos. 6 in Einsatzhülse Pos. 8 einführen. Hierbei ist zu beachten, daß die gewünschte Kodiernut des Einsatzes Pos. 7 in den Kodiersteg eingeführt wird.
- Kabel mit Schirm- und Dichteinheit eindrücken.
- Adapter Pos. 1 Festschrauben auf Anschlag.

Anzugsdrehmoment für Klemmschraube Kontakteinsatz Pos. 7 mit Schraubkontakten beachten:

- max. 0,1 Nm für Schraubkontakte Steckdurchmesser 1 mm
- max. 0,2 Nm für Schraubkontakte Steckdurchmesser 2 mm

Product description **Contacts: 12, coupling socket, shieldable, right-turning**

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Sicherheitshinweise

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).