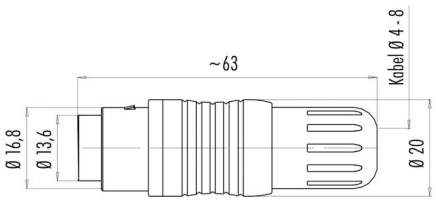
Product data sheet

Miniature connectors

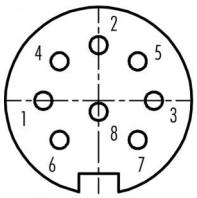
Product description	**Push-Pull female cable connector, Contacts: 8 DIN, 4.0 - 8.0 mm, shieldable, solder, IP67**
Area	**Push-Pull series 440**
Order number	**99 4830 00 08**

Illustration

Scale drawing



Contact arrangement (Plug-in side)



	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00
4	-2,47	2,47
5	2,47	2,47
6	-2,47	-2,47
7	2,47	-2,47
8	0,00	-0,70

You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

Connector design	female cable connector
Connector locking system	Push-Pull
Termination	solder
Wire gauge (mm)	max. 0.75 mm²
Wire gauge (AWG)	max. 18
Cable outlet	4.0 - 8.0 mm
Upper limit temperature	85 °C
Lower limit temperature	– 40 °C
Customs tariff number	85369010
Packaging Unit	50

Electrical values

Rated current (40 °C)	5 A
Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	≥ 10^{10} Ω
EMC compliance	shieldable
Degree of protection	IP67
Mechanical operation	> 1000 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PBT (UL94 V-0)
Housing material	PA GF 25
REACH SVHC	CAS 7439-92-1 (Lead)

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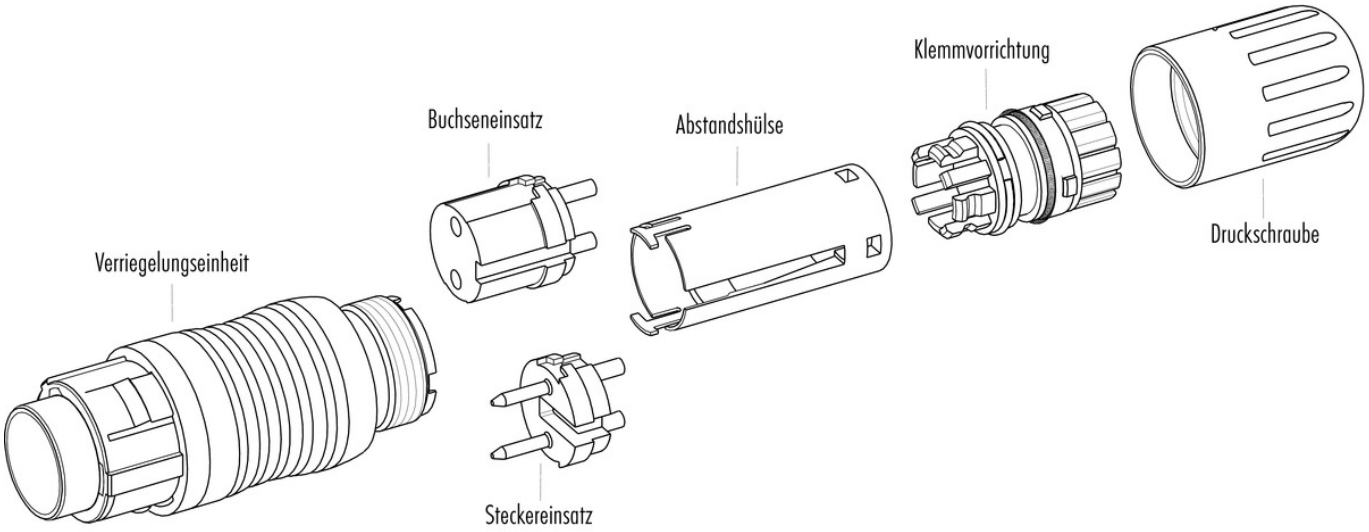
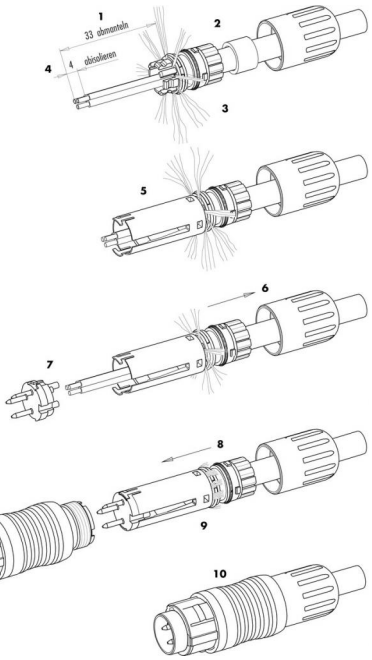
Component part drawing



Assembly instructions / Panel cut-out

1. Abmanteln auf L = 33mm. Ummantelung nicht abstreifen.
2. Druckschraube und Klemmvorrichtung auffädeln. Ummantelung entfernen.
3. Litzen abisolieren und verzinnen.
4. Abschirmung auffächern und auskämmen. Die Abschirmlitzen in der Krone rundum einfädeln.
5. Abstandshülse und Klemmvorrichtung verrasten.
6. Gesteckte Einheit nach hinten übers Kabel schieben (ca. 10mm).
7. Einsätze anlöten.
8. Gesteckte Einheit nach vorne schieben bis sie in den Kontakteinsatz einrastet.
9. Abschirmlitzen in Richtung Abschirmring abstreifen und kürzen.
   zu lang: Litzen auf Dichtring - undicht
   zu kurz: kein Kontakt zu Wellenring
10. Montierte Einheit in Trägerhülse stecken und Druckschraube festziehen.



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Security notices

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 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.