



Bajonett Steckverbinder

Bayonet connectors

Kabelsteckverbinder

- Steckverbinder mit schneller Bajonett-Verriegelung
- Schutzart IP40 ¹⁾
- Kabeldurchlass in 2 Größen
- Kabelverschraubung mit integrierter Zugentlastung
- Steckverbinder Durchmesser 12mm

Cable Connector

- Connector with easy bayonet locking
- Degree of protection IP40 ¹⁾
- Cable outlet in 2 sizes
- Cable housing with integrated strain relief
- Connector diameter 12mm



Aufbau des Steckverbinders:
Construction of the connector:

Kabelstecker
Male cable connector

Kabeldose
Female cable connector

Flanschsteckverbinder
Socket connectors



Subminiatursteckverbinder Serie 710

Subminiature connectors series 710

Bezeichnung
Description

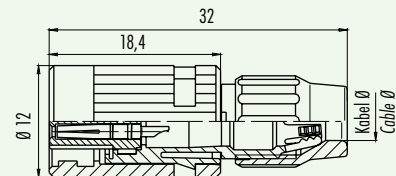
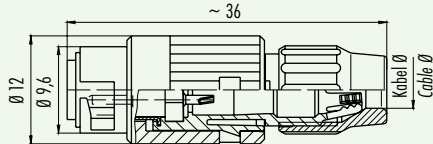
Kabelstecker
Male cable connector

Kabeldose
Female cable connector

Abbildung
Figure



Maßzeichnung
Drawing



Bestell-Nr.
Ordering-No.

Polzahl Contacts	Kabeldurchlass 3-4mm Cable outlet 3-4mm	Kabeldurchlass 4-5mm Cable outlet 4-5mm
2	99-0971-100-02	99-0971-102-02
3	99-0975-100-03	99-0975-102-03
4	99-0979-100-04	99-0979-102-04
5	99-0995-100-05	99-0995-102-05
7	99-9475-100-07	99-9475-102-07
8	99-9479-100-08	99-9479-102-08

Polzahl Contacts	Kabeldurchlass 3-4mm Cable outlet 3-4mm	Kabeldurchlass 4-5mm Cable outlet 4-5mm
2	99-0972-100-02	99-0972-102-02
3	99-0976-100-03	99-0976-102-03
4	99-0980-100-04	99-0980-102-04
5	99-0996-100-05	99-0996-102-05
7	99-9476-100-07	99-9476-102-07
8	99-9480-100-08	99-9480-102-08

Technische Daten
Specifications

Polzahl	2	3	4	5	7	8	Number of contacts
Steckverbinder Verriegelung	Bajonett/bayonet						Connector locking system
Anschlussart	löten/solder						Termination
Anschlussquerschnitt	max. 0,25 mm ² (max. AWG 24)				max.0,14 mm ² (max. AWG 26)		Wire gauge
Kabeldurchlass	3-4 mm/4-5 mm						Cable outlet
Schutzart	IP40						Degree of protection
Mechanische Lebensdauer	> 500 Steckzyklen/> 500 mating cycles						Mechanical operation
Obere Grenztemperatur	+ 85 °C						Upper temperature
Untere Grenztemperatur	- 40 °C						Lower temperature
Bemessungsspannung	125 V						Rated voltage
Bemessungs-Stoßspannung	1500 V						Rated impulse voltage
Verschmutzungsgrad	I						Pollution degree
Überspannungskategorie	II						Overvoltage categorie
Isolierstoffgruppe	III						Material group
Bemessungsstrom (40°C)	4 A		3 A			1 A	Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ						Contact resistance
Material Kontakt	Stift/pin CuZn (Messing/brass), Buchse/socket CuSn (Bronze/bronze)						Material of contact
Kontaktoberfläche	Au (Gold/gold)						Contact plating
Material Kontaktkörper	PA (UL 94 V-0)						Material of contact body
Material Gehäuse	PA (UL 94 HB)						Material of housing

Subminiatursteckverbinder Serie 710

Subminiature connectors series 710

Bezeichnung
Description

Abbildung
Figure

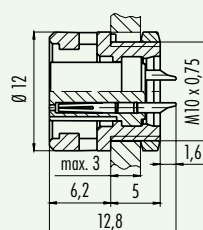
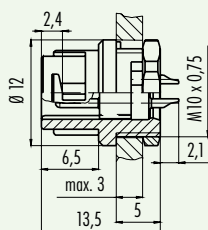
Flanschstecker
Male socket



Flanschdose
Female socket



Maßzeichnung
Drawing



Bestell-Nr.
Ordering-No.

Polzahl Contacts	Bestell-Nr. Ordering-No.
2	09-0973-00-02
3	09-0977-00-03
4	09-0981-00-04
5	09-0997-00-05
7	09-9477-00-07
8	09-9481-00-08

Polzahl Contacts	Bestell-Nr. Ordering-No.
2	09-0974-00-02
3	09-0978-00-03
4	09-0982-00-04
5	09-0998-00-05
7	09-9478-00-07
8	09-9482-00-08

Technische Daten
Specifications

Polzahl	2	3	4	5	7	8	Number of contacts
Steckverbinder Verriegelung	Bajonett/bayonet						Connector locking system
Anschlussart	löten/solder						Termination
Anschlussquerschnitt	max. 0,25 mm ² (max. AWG 24)				max.0,14 mm ² (max. AWG 26)		Wire gauge
Kabeldurchlass	-						Cable outlet
Schutzart	IP40						Degree of protection
Mechanische Lebensdauer	> 500 Steckzyklen/>5100 mating cycles						Mechanical operation
Obere Grenztemperatur	+ 85 °C						Upper temperature
Untere Grenztemperatur	- 40 °C						Lower temperature
Bemessungsspannung	125 V						Rated voltage
Bemessungs-Stoßspannung	1500 V						Rated impulse voltage
Verschmutzungsgrad	I						Pollution degree
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Isolierstoffgruppe	III						Material group
Bemessungsstrom (40°C)	4 A		3 A		1 A		Rated current (40 °C)
Durchgangswiderstand	≤ 3 mΩ						Contact resistance
Material Kontakt	Stift/pin CuZn (Messing/brass), Buchse/socket CuSn (Bronze/bronze)						Material at contact
Kontaktoberfläche	Au (Gold/gold)						Contact plating
Material Kontaktkörper	PA (UL 94 V-0)						Material of contact body
Material Gehäuse	PA (UL 94 HB)						Material of housing

Subminiatursteckverbinder Serie 710

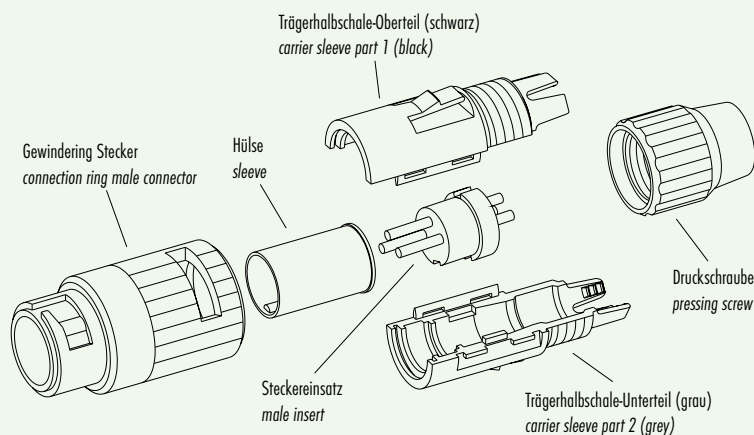
Subminiature connectors series 710

Einzelteildarstellung

Component part drawing

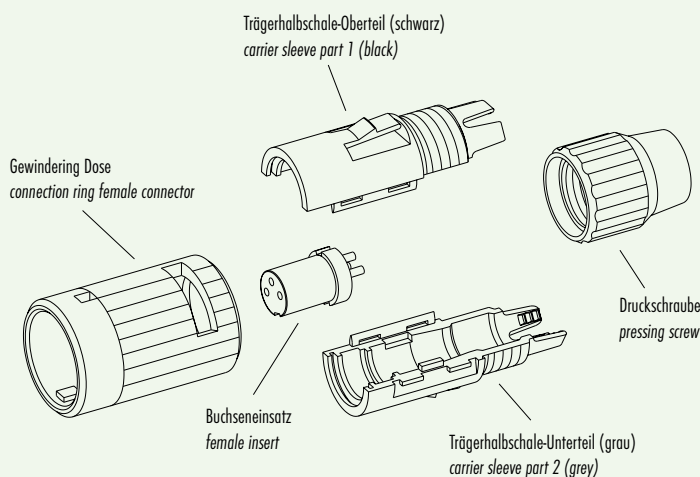
Kabelstecker

Male cable connectors



Kabeldose

Female cable connectors



Subminiatursteckverbinder Serie 710

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Zubehör

Accessories

Abbildung

Figure

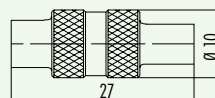
Montageschlüssel

Mounting spanner



Maßzeichnung

Drawing



Bestell-Nr.

Ordering-No.

01-5059-001

Subminiatursteckverbinder Serie 710

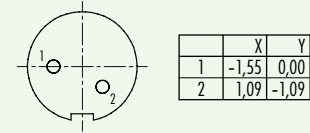
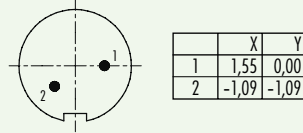
Subminiature connectors series 710

Polbilder
Contact arrangements

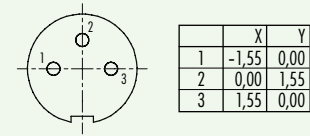
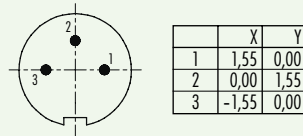
Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)

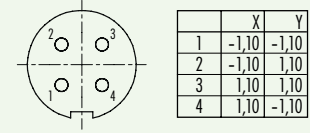
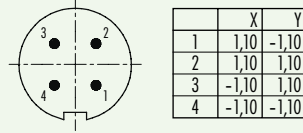
2 pol
2 contacts



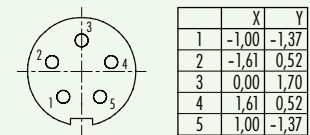
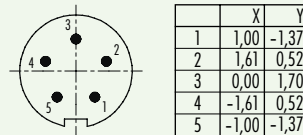
3 pol
3 contacts



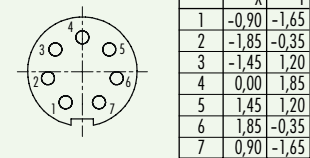
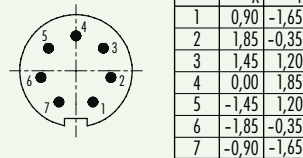
4 pol
4 contacts



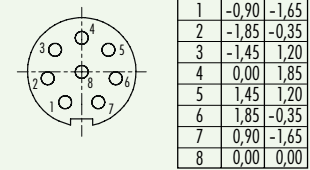
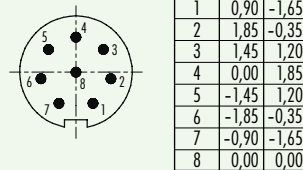
5 pol
5 contacts



7 pol
7 contacts



8 pol
8 contacts



Montageausschnitt
Panel cut out

