



Micro Push-Pull Steckverbinder *Micro Push-Pull connectors*

Kabelsteckverbinder

- Steckverbinder mit Micro-Push-Pull Verriegelung
- Schutzart IP67 ¹⁾
- Kabeldurchlass 3-4 mm
- Druckschraube mit Vibrationsbremse

Cable Connector

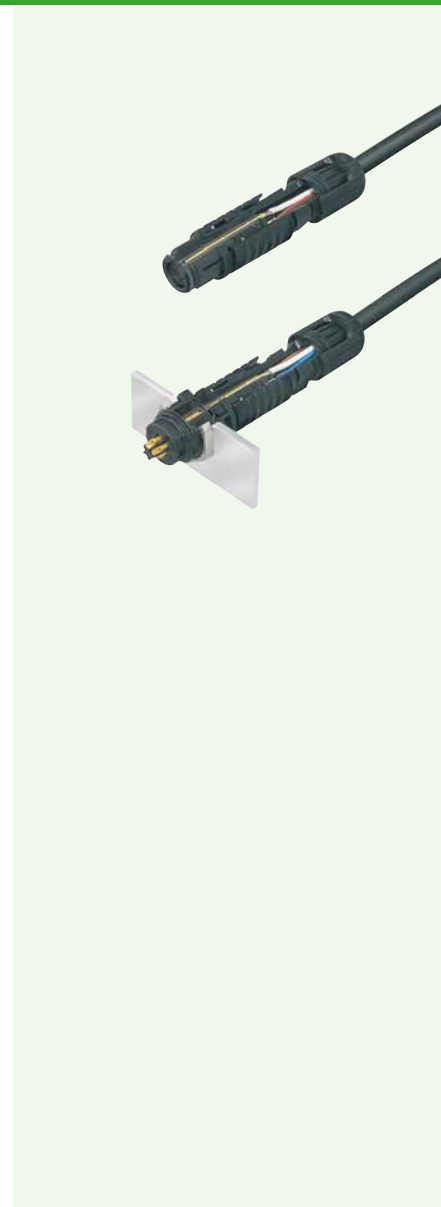
- Connector with Micro Push-Pull locking
- Degree of protection IP67 ¹⁾
- Cable outlet 3-4 mm
- Pressing screw with immunity to vibration



Aufbau des Steckverbinders:
Construction of the connector:

Kabeldose
Female cable connector

Flanschsteckverbinder
Socket connectors



- SI IP40
- SI IP67
- Bajonett
- MPP IP67
- PP IP67
- M9 IP67
- M9 IP40
- SI IP67
- Bajonett
- NCC
- PP IP67
- M16 IP40
- M16 IP67
- M23
- Bajonett
- M25
- RD24
- RD30
- M5
- M8
- M12-A
- VL
- Verteiler
- M12-B
- M12-D
- M12-S
- M12-T
- M12-US
- M18
- 7/8"
- BF-A
- BF-B
- BF-C

Subminiatursteckverbinder Serie 420 Subminiature connectors series 420

Bezeichnung
Description

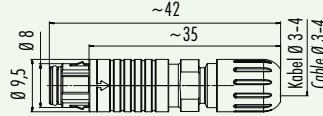
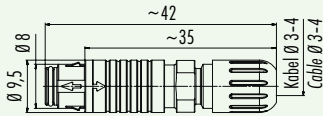
Kabelstecker
Male cable connector

Kabeldose
Female cable connector

Abbildung
Figure



Maßzeichnung
Drawing



Bestell-Nr.
Ordering-No.

| Polzahl Contacts | Kabeldurchlass Cable outlet | Bestell-Nr. Ordering-No. | Polzahl Contacts | Kabeldurchlass Cable outlet | Bestell-Nr. Ordering-No. |
|---------------------|--------------------------------|-----------------------------|---------------------|--------------------------------|-----------------------------|
| 3 | 3-4 mm | 99 4705 00 03 | 3 | 3-4 mm | 99 4706 00 03 |
| 4 | 3-4 mm | 99 4709 00 04 | 4 | 3-4 mm | 99 4710 00 04 |
| 5 | 3-4 mm | 99 4713 00 05 | 5 | 3-4 mm | 99 4714 00 05 |

Technische Daten
Specifications

| Polzahl | 3 | 4 | 5 | Number of contacts |
|-----------------------------|--|---|---|--------------------------|
| Steckverbinder Verriegelung | Micro Push-Pull/Micro Push-Pull | | | Connector locking system |
| Anschlussart | löten/solder | | | Termination |
| Anschlussquerschnitt | max. 0,14 mm ² (max. AWG 26) | | | Wire gauge |
| Kabeldurchlass | 3-4 mm | | | Cable outlet |
| Schutzart | IP67 | | | Degree of protection |
| Mechanische Lebensdauer | > 1000 Steckzyklen/> 1000 mating cycles | | | Mechanical operation |
| Obere Grenztemperatur | + 80 °C | | | Upper temperature |
| Untere Grenztemperatur | - 40 °C | | | Lower temperature |
| Bemessungsspannung | 125 V | | | Rated voltage |
| Bemessungs-Stoßspannung | 1500 V | | | Rated impulse voltage |
| Verschmutzungsgrad | 2 | | | Pollution degree |
| Überspannungskategorie | II | | | Overvoltage categorie |
| Isolierstoffgruppe | II | | | Material group |
| Bemessungsstrom (40 °C) | 1 A | | | Rated current (40 °C) |
| Durchgangswiderstand | ≤ 8 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 | | | Material of contact body |
| Material Gehäuse | PA | | | Material of housing |

Subminiatursteckverbinder Serie 420
Subminiature connectors series 420

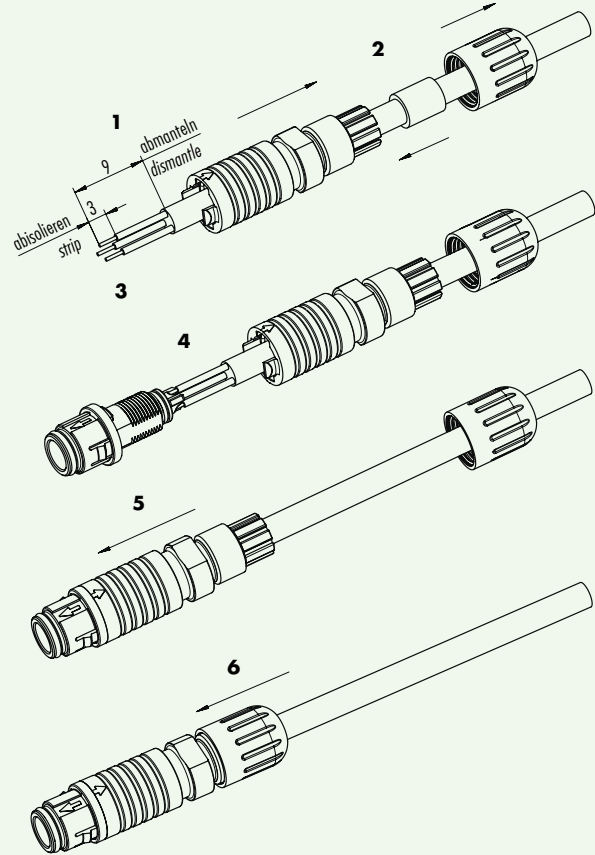
Montageanleitung
Assembly instruction

1. Abmanteln auf L = 9mm.
Ummantelung abstreifen.
2. Dichttring in Klemmvorrichtung montieren.
Druckschraube und Verriegelungseinheit auf Kabel auffädeln.
3. Litzen abisolieren (l = 3mm) und verzinnen.
4. Einsätze anlöten.
5. Verriegelungseinheit orientiert, Pfeilrichtung beachten, aufschieben und aufschrauben.
6. Druckschraube aufschieben und vor dem Festziehen an Schlüsselfläche kontern.

(Bei Demontage zuerst Druckschraube öffnen)

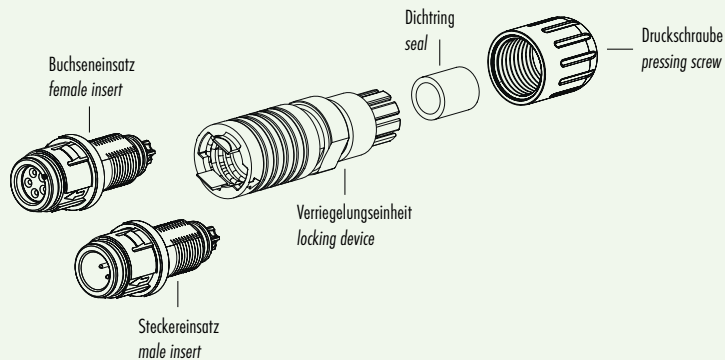
1. Strip to 9mm length and remove cable jacket.
2. Mount sealing ring to clamp device to cable.
Bead pressing screw and clamp device.
3. Strip the insulation off the wires (l = 3mm) and tin them.
4. Solder wires to solder cups.
5. Align locking unit, bear in mind direction of arrow, push forward and screw tightly.
6. Push pressing screw forward and secure them at flats.

(Before unmounting first open pressing screw.)



Einzelteildarstellung
Component part drawing

Kabelsteckverbinder
Cable connectors



Subminiatursteckverbinder Serie 420 Subminiature connectors series 420

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Description

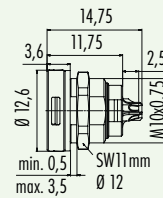
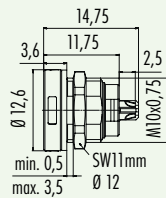
Flanschstecker
Male panel mount connector

Flanschdose
Female panel mount connector

Abbildung
Figure



Maßzeichnung
Drawing



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Ordering-No.

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|---------------------|-----------------------------|
| 3 | 09 4707 00 03 |
| 4 | 09 4711 00 04 |
| 5 | 09 4715 00 05 |

| Polzahl Contacts | Bestell-Nr. Ordering-No. |
|---------------------|-----------------------------|
| 3 | 09 4708 00 03 |
| 4 | 09 4712 00 04 |
| 5 | 09 4716 00 05 |

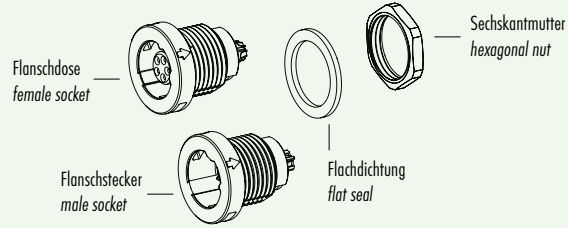
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Subminiature connectors series 420

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Component part drawing

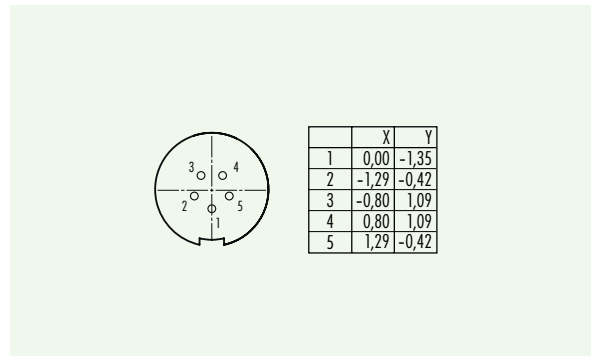
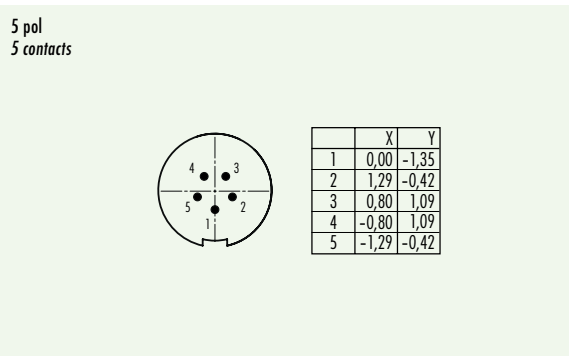
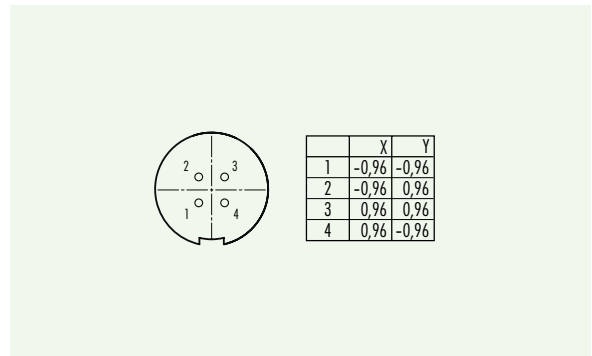
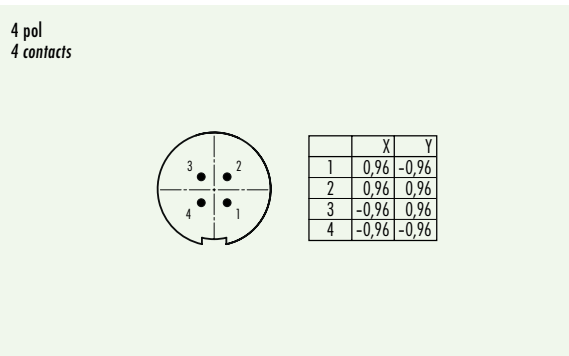
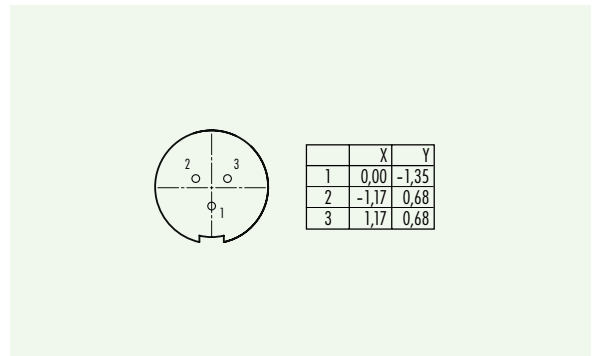
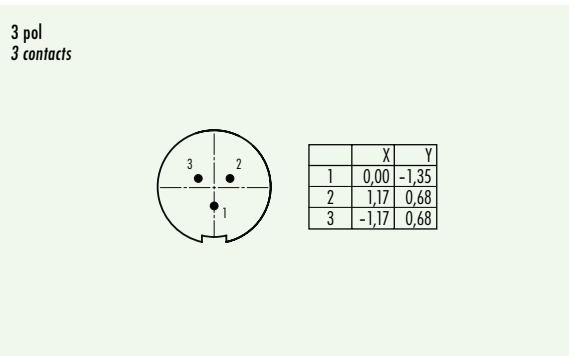
Flanschsteckverbinder
Socket connectors



Polbilder
Contact arrangements

Stifteinsatz (Steckseite)
Male insert (mating side)

Buchseinsatz (Steckseite)
Female insert (mating side)



Montageausschnitt
Panel cut out

