

## Subminiatursteckverbinder Serie 620 Subminiature connectors series 620

Bezeichnung  
Description

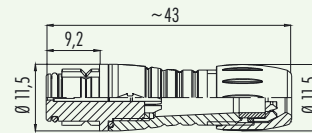
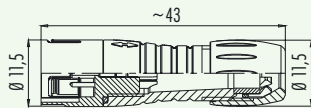
Kabelstecker  
Male cable connector

Kabeldose  
Female cable connector

Abbildung  
Figure



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Bestell-Nr.<br>Ordering-No. |
|---------------------|-----------------------------|
| 3                   | 99-9205-00-03               |
| 4                   | 99-9209-00-04               |
| 5                   | 99-9213-00-05               |
| 8                   | 99-9225-00-08               |

| Polzahl<br>Contacts | Bestell-Nr.<br>Ordering-No. |
|---------------------|-----------------------------|
| 3                   | 99-9206-00-03               |
| 4                   | 99-9210-00-04               |
| 5                   | 99-9214-00-05               |
| 8                   | 99-9226-00-08               |

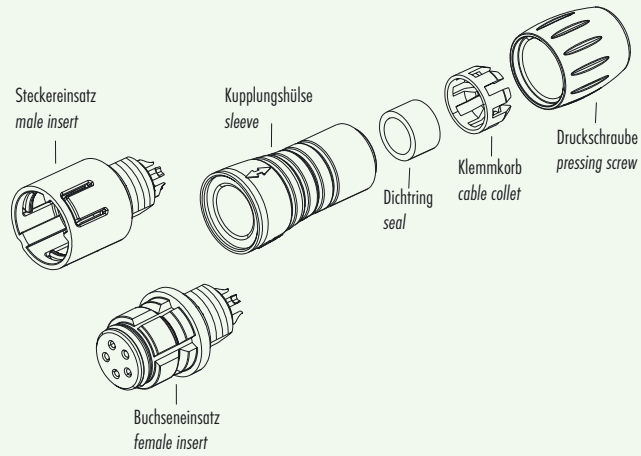
Technische Daten  
Specifications

| Polzahl                     | 3  | 4     | 5   | 8     | Number of contacts       |
|-----------------------------|--|-------|-----|-------|--------------------------|
| Steckverbinder Verriegelung | schnapp/snap-in  |       |     |       | Connector locking system |
| Anschlussart                | löten/solder   |       |     |       | Termination              |
| Anschlussquerschnitt        | max. 0,25 mm <sup>2</sup> (max. AWG 24)                            |       |     |       | Wire gauge               |
| Kabeldurchlass              | 3-5 mm   |       |     |       | Cable outlet             |
| Schutzart                   | IP67   |       |     |       | Degree of protection     |
| Mechanische Lebensdauer     | > 500 Steckzyklen/> 500 mating cycles                              |       |     |       | Mechanical operation     |
| Obere Grenztemperatur       | + 85 °C  |       |     |       | Upper temperature        |
| Untere Grenztemperatur      | - 25 °C  |       |     |       | Lower temperature        |
| Bemessungsspannung          | 125 V  |       |     | 63 V  | Rated voltage            |
| Bemessungsstoßspannung      | 1500 V   |       |     | 800 V | Rated impulse voltage    |
| Verschmutzungsgrad          | 2  |       |     |       | Pollution degree         |
| Überspannungskategorie      | II   |       |     |       | Overvoltage categorie    |
| Isolierstoffgruppe          | II   |       |     |       | Material group           |
| Bemessungsstrom (40 °C)     | 3 A  | 2,5 A | 2 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 V-0)   |       |     |       | Material of housing      |

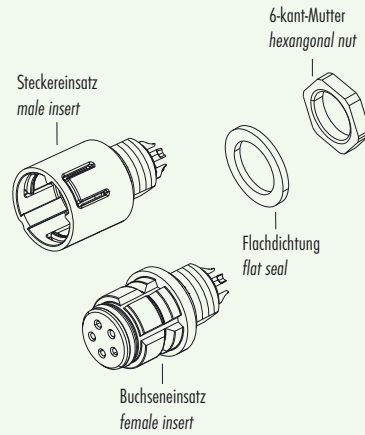
**Subminiatursteckverbinder Serie 620**  
**Subminiature connectors series 620**

Einzelteildarstellung  
 Component part drawing

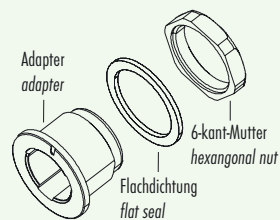
Kabelsteckverbinder  
 Cable connectors



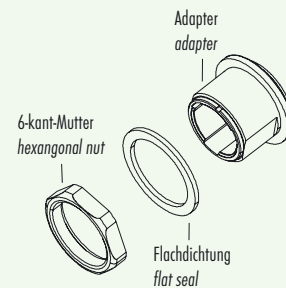
Flanschsteckverbinder  
 Socket connectors



Adapter  
 Adapter



Adapter, von vorn verschraubt  
 Adapter, front fastened



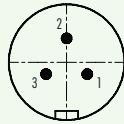
## Subminiatursteckverbinder Serie 620 Subminiature connectors series 620

Polbilder  
Contact arrangements

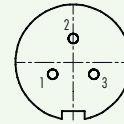
Stifteinsatz (Steckseite)  
Male insert (mating side)

Buchseinsatz (Steckseite)  
Female insert (mating side)

3 pol  
3 contacts

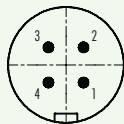


|   | X     | Y     |
|---|-------|-------|
| 1 | 1,82  | -1,05 |
| 2 | 0,00  | 2,10  |
| 3 | -1,82 | -1,05 |

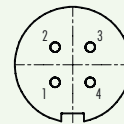


|   | X     | Y     |
|---|-------|-------|
| 1 | -1,82 | -1,05 |
| 2 | 0,00  | 2,10  |
| 3 | 1,82  | -1,05 |

4 pol  
4 contacts

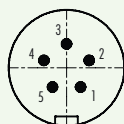


|   | X     | Y     |
|---|-------|-------|
| 1 | 1,55  | -1,55 |
| 2 | 1,55  | 1,55  |
| 3 | -1,55 | 1,55  |
| 4 | -1,55 | -1,55 |

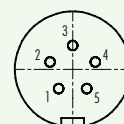


|   | X     | Y     |
|---|-------|-------|
| 1 | -1,55 | -1,55 |
| 2 | -1,55 | 1,55  |
| 3 | 1,55  | 1,55  |
| 4 | 1,55  | -1,55 |

5 pol  
5 contacts

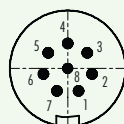


|   | X     | Y     |
|---|-------|-------|
| 1 | 1,23  | -1,70 |
| 2 | 2,00  | 0,65  |
| 3 | 0,00  | 2,10  |
| 4 | -2,00 | 0,65  |
| 5 | -1,23 | -1,70 |

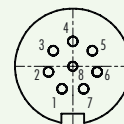


|   | X     | Y     |
|---|-------|-------|
| 1 | -1,23 | -1,70 |
| 2 | -2,00 | 0,65  |
| 3 | 0,00  | 2,10  |
| 4 | 2,00  | 0,65  |
| 5 | 1,23  | -1,70 |

8 pol  
8 contacts



|   | X     | Y     |
|---|-------|-------|
| 1 | 0,96  | -1,98 |
| 2 | 2,15  | -0,49 |
| 3 | 1,72  | 1,37  |
| 4 | 0,00  | 2,20  |
| 5 | -1,72 | 1,37  |
| 6 | -2,15 | -0,49 |
| 7 | -0,96 | -1,98 |
| 8 | 0,00  | 0,00  |



|   | X     | Y     |
|---|-------|-------|
| 1 | -0,96 | -1,98 |
| 2 | -2,15 | -0,49 |
| 3 | -1,72 | 1,37  |
| 4 | 0,00  | 2,20  |
| 5 | 1,72  | 1,37  |
| 6 | 2,15  | -0,49 |
| 7 | 0,96  | -1,98 |
| 8 | 0,00  | 0,00  |

Montageausschnitt  
Panel cut out

Flanschsteckverbinder  
Socket connectors

Adapter  
Adapter

