

## Miniatursteckverbinder Serie 720

### Miniature connectors series 720

Bezeichnung  
Description

Abbildung  
Figure

Kabeldose  
Female cable connector



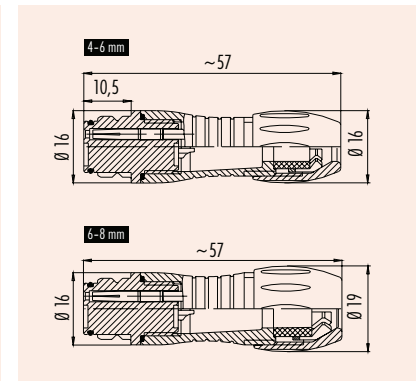
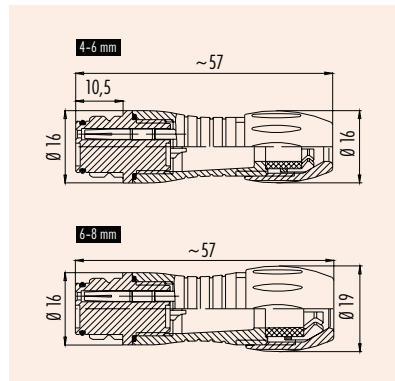
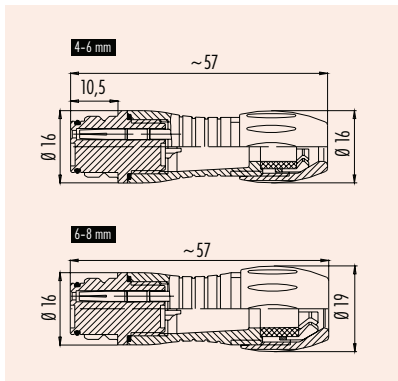
Kabeldose  
Female cable connector



Kabeldose  
Female cable connector



Maßzeichnung  
Drawing



Bestell-Nr.  
Ordering-No.

| Polzahl<br>Contacts | Kabel-Ø (mm)<br>Cable-Ø (mm) | Bestell-Nr.<br>Ordering-No. |
|---------------------|------------------------------|-----------------------------|
| 3                   | 4-6                          | 99 9106 50 03               |
| 5                   | 4-6                          | 99 9114 50 05               |
| 8                   | 4-6                          | 99 9126 50 08               |
| 12                  | 6-8                          | 99 9134 52 12               |

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| 3                   | 4-6                          | 99 9106 60 03               |
| 5                   | 4-6                          | 99 9114 60 05               |
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| 3                   | 4-6                          | 99 9106 70 03               |
| 5                   | 4-6                          | 99 9114 70 05               |
| 8                   | 4-6                          | 99 9126 70 08               |
| 12                  | 6-8                          | 99 9134 72 12               |

Technische Daten  
Specifications

|                             |                                         |        |                                         |       |                          |
|-----------------------------|-----------------------------------------|--------|-----------------------------------------|-------|--------------------------|
| Polzahl                     | 3                                       | 5      | 8                                       | 12    | Number of contacts       |
| Steckverbinder Verriegelung | schnapp/snap-in                         |        |                                         |       | Connector locking system |
| Anschlussart                | löten/solder                            |        |                                         |       | Termination              |
| Anschlussquerschnitt        | max. 0,75 mm <sup>2</sup> (max. AWG 20) |        | max. 0,25 mm <sup>2</sup> (max. AWG 24) |       | Wire gauge               |
| Kabeldurchlass              | 2,5-4 mm, 4-6 mm, 6-8 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      | - 40 °C                                 |        |                                         |       | Lower temperature        |
| Bemessungsspannung          | 250 V                                   | 125 V  | 125 V                                   | 60 V  | Rated voltage            |
| Bemessungs-Stoßspannung     | 2500 V                                  | 1500 V | 2500 V                                  | 800 V | Rated impulse voltage    |
| Verschmutzungsgrad          | 2                                       |        |                                         |       | Pollution degree         |
| Überspannungskategorie      | II                                      |        |                                         |       | Overvoltage categorie    |
| Isolierstoffgruppe          | II                                      |        |                                         |       | Material group           |
| Bemessungsstrom (40°C)      | 7 A                                     | 5 A    | 2 A                                     |       | Rated current (40 °C)    |
| Durchgangswiderstand        | ≤ 3 mΩ                                  |        |                                         |       | Contact resistance       |
| Material Kontakt            | CuSn (Bronze/bronze)                    |        |                                         |       | Material ot 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      |