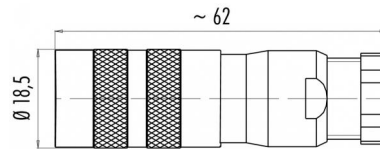


|              |   |                     |                        |
|--------------|---|---------------------|------------------------|
| Product Area | Female cable connector with shielding ring, cable outlet 6-7,8 mm<br>M16 connectors IP 67 | Pole Article number | 6 DIN<br>99 5622 15 06 |
|--------------|---|---------------------|------------------------|

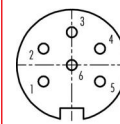
illustration



scale drawing



Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -3,03 | -1,75 |
| 2 | -3,03 | 1,75  |
| 3 | 0,00  | 3,50  |
| 4 | 3,03  | 1,75  |
| 5 | 3,03  | -1,75 |
| 6 | 0,00  | 0,00  |

- 1 weiß/white
- 2 braun/brown
- 3 blau/blue
- 4 schwarz/black
- 5 grau/grey
- 6 grün/green

Attenuation characteristic



You can find the item description and assembly instruction on the next page.

Technical data

Common values

|                          |                        |
|--------------------------|------------------------|
| Connector Design         | Female cable connector |
| Connector locking system | Screw                  |
| Termination              | solder                 |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 20                     |
| Cable outlet             | 6 - 7,8 mm             |
| Upper temperature        | +95 °C                 |
| Lower temperature        | -40 °C                 |

Material

|                          |                            |
|--------------------------|----------------------------|
| Material of contact      | CuSn (bronze)              |
| Contact plating          | Ag (silver)                |
| Material of contact body | PBT (UL 94 V-0)            |
| Material of housing      | CUZn (brass nickel plated) |

Cable data

Contacts 6 DIN, female cable connector with shielding ring, shieldable, cable outlet 6 - 8 mm, silver plated contacts

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 250 V              |
| Rated impulse voltage | 1500 V             |
| Pollution degree      | I                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 5 A                |
| Volume resistivity    | ≤ 5 mΩ             |
| EMV compliance        | shielded           |
| Degree of protection  | IP 67              |
| Mechanical operation  | >500 mating cycles |



|              |  |                     |                        |
|--------------|--|---------------------|------------------------|
| Product Area | Female cable connector with shielding ring, cable outlet 6-7,8 mm<br>M16 connectors IP 67<br>serie 423 | Pole Article number | 6 DIN<br>99 5622 15 06 |
|--------------|--|---------------------|------------------------|

#### Item description



#### Installation instructions / Mounting cutout

##### Gerade Version

(Ausführung mit Schirmklemmring)

1. Druckschraube, Klemmkorb, Dichtung, Distanzhülse und ersten Schirmklemmring auffädeln.
2. Litzen abisolieren, Schirm aufweiten und zweiten Schirmklemmring auffädeln.
3. Litzen anlöten, Distanzhülse montieren, die beiden Klemmringe mit dem Schirm zusammenschieben und überstehenden Schirm abschneiden.
4. Übrige Teile gemäß Darstellung montieren.

##### Straight version

(Version with shield clamping ring)

1. Bead pressing screw, pinch ring, seal, distance shell and first shield clamping ring on cable.
2. Strip wires, widen shield and bead second shield clamping ring.
3. Solder wires, snap distance shell, push the two shield clamping rings together and cut off projecting shielding braid.
4. Assemble remaining parts according to picture.

