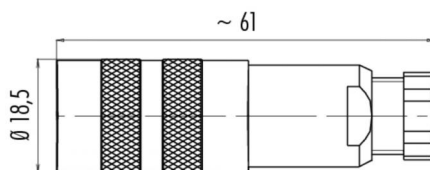


|                |                                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|
| Product        | Contacts: 4, female cable connector with shielding ring, shieldable, cable outlet 4- 6 mm, silver plated contacts, UL approval |
| Area           | M16 IP67 Series 423                                                                                                            |
| Article number | 99 5110 15 04                                                                                                                  |

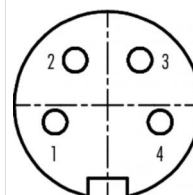
### Illustration



### Scale drawing



### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -3,32 | -1,08 |
| 2 | -2,05 | 2,83  |
| 3 | 2,05  | 2,83  |
| 4 | 3,32  | -1,08 |

### Attenuation characteristics



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

## Technical data

### General features

|                          |                        |
|--------------------------|------------------------|
| Connector Design         | Female cable connector |
| Connector locking system | bolted                 |
| Termination              | solder                 |
| Wire gauge (mm)          | 0,75 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 20                     |
| Cable outlet             | 4 – 6 mm               |
| Upper temperature        | 95 °C                  |
| Lower temperature        | -40 °C                 |

### Cable data

|            |    |
|------------|----|
| Approval 1 | UL |
|------------|----|

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 1                   |
| Overvoltage category  | I                   |
| Material group        | III                 |
| Rated current (40°C)  | 6 A                 |
| Volume resistivity    | ≤ 5 mΩ              |
| EMV compliance        | shielded            |
| Degree of protection  | IP67                |
| Mechanical operation  | > 500 Mating cycles |

### Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuSn (Bronze)   |
| Contact plating          | Ag (silver)     |
| Material of contact body | PBT (UL 94 V-0) |

Product

**Contacts: 4, female cable connector with shielding ring, shieldable, cable outlet 4- 6 mm, silver plated contacts, UL approval**

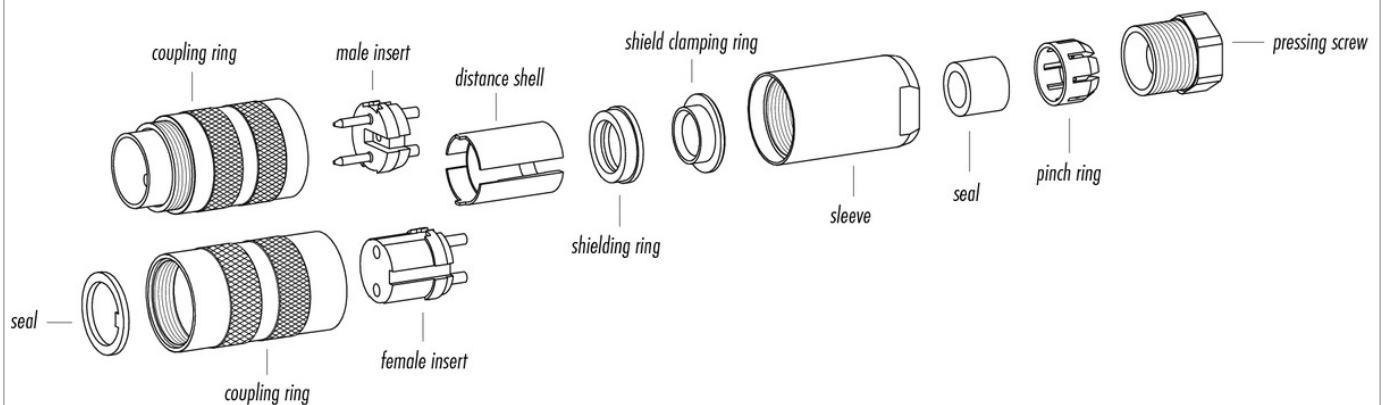
Area

**M16 IP67 Series 423**

Article number

**99 5110 15 04**

## 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.

