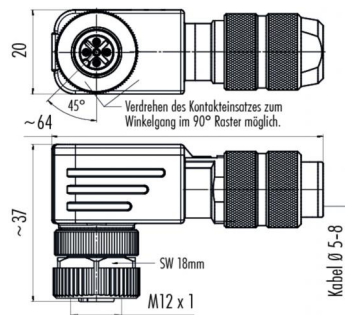


|                |                                                                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Product        | <b>Contacts: 4, cable outlet: 5-8 mm, female angled connector, shieldable, iris type spring, wire clamp connection with die-cast thread</b> |
| Area           | <b>M12-A Series 713</b>                                                                                                                     |
| Article number | <b>99 1528 824 04</b>                                                                                                                       |

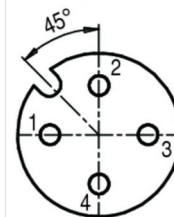
### Illustration



### Scale drawing



### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -2,50 | 0,00  |
| 2 | 0,00  | 2,50  |
| 3 | 2,50  | 0,00  |
| 4 | 0,00  | -2,50 |

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

## Technical data

### General features

|                          |                         |
|--------------------------|-------------------------|
| Connector Design         | female angled connector |
| Connector locking system | bolted                  |
| Termination              | wire clamp              |
| Wire gauge (mm)          | 0,50 mm <sup>2</sup>    |
| Wire gauge (AWG)         | 20                      |
| Cable outlet             | 5 – 8 mm                |
| Upper temperature        | 85 °C                   |
| Lower temperature        | -40 °C                  |

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 2500 V              |
| Pollution degree      | 3                   |
| Overvoltage category  | II                  |
| Material group        | III                 |
| Rated current (40°C)  | 4 A                 |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | shieldable          |
| Degree of protection  | IP67                |
| Mechanical operation  | > 100 Mating cycles |

### Material

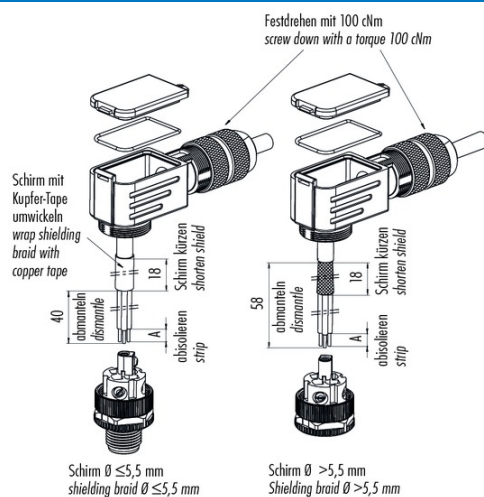
|                          |               |
|--------------------------|---------------|
| Material of contact      | CuSn (Bronze) |
| Contact plating          | Au (gold)     |
| Material of contact body | PA            |

|                |                                                                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Product        | <b>Contacts: 4, cable outlet: 5-8 mm, female angled connector, shieldable, iris type spring, wire clamp connection with die-cast thread</b> |
| Area           | <b>M12-A Series 713</b>                                                                                                                     |
| Article number | <b>99 1528 824 04</b>                                                                                                                       |

## Item description



## Installation instructions / Mounting cutout



### Schirmdurchmesser $\leq 5,5$ mm

1. Gehäuse auf Kabel auffädeln.
2. Abmanteln, abisolieren, Schirm kürzen, Schirm auf Kabelmantel umschlagen und mit Kupfer-Tape umwickeln.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

### Shield-diameter $\leq 5,5$ mm

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid, revert to cable jacket and wrap it with copper tape.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

### Schirmdurchmesser $> 5,5$ mm

1. Gehäuse auf Kabel auffädeln.
2. Abmanteln, abisolieren, Schirm kürzen.
3. Litzen anschließen.
4. Gehäuse mit Stecker- bzw. Buchseneinsatz verschrauben.
5. Kabel durch den Kabelabgang so weit zurückziehen, bis noch 2 mm vom Schirm sichtbar ist.
6. Deckel mit Dichtung einsetzen und Druckschraube festdrehen.

### Shield-diameter $> 5,5$ mm

1. Bead housing to cable.
2. Cut off cable coating, strip single cores, shorten shielding braid.
3. Connect single wires.
4. Screw housing to male or female contact carrier.
5. Pull back the cable through the outlet until only 2 mm of the shielding braid are visible.
6. Mount lid with seal and fix pressing screw.

|                          | Schraubklemmversion<br>screw connection | Käfigzugfederversion<br>wire clamp connection |
|--------------------------|-----------------------------------------|-----------------------------------------------|
| Maß A/mm<br>measure A/mm | <b>5</b>                                | <b>7</b>                                      |



Öffnungswerkzeug für Käfigzugfederversion  
opening tool for wire clamp connection