

Product **Contacts: 5, male angled connector, 360° EMC safe, shieldable, cable outlet 3.5-5mm**

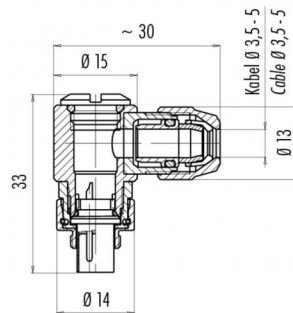
Area **M9 IP67 Series 712**

Article number **99 0413 75 05**

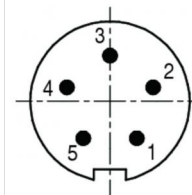
### Illustration



### Scale drawing



### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | 1,00  | -1,37 |
| 2 | 1,61  | 0,52  |
| 3 | 0,00  | 1,70  |
| 4 | -1,61 | 0,52  |
| 5 | -1,00 | -1,37 |

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

## Technical data

### General features

|                          |                       |
|--------------------------|-----------------------|
| Connector Design         | male angled connector |
| Connector locking system | bolted                |
| Termination              | solder                |
| Wire gauge (mm)          | 0,25 mm <sup>2</sup>  |
| Wire gauge (AWG)         | 24                    |
| Cable outlet             | 3,5 – 5 mm            |
| Upper temperature        | 85 °C                 |
| Lower temperature        | -40 °C                |

### Electrical parameters

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 125 V               |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 1                   |
| Overvoltage category  | II                  |
| Material group        | III                 |
| Rated current (40°C)  | 3 A                 |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | shieldable          |
| Degree of protection  | IP67                |
| Mechanical operation  | > 500 Mating cycles |

### Material

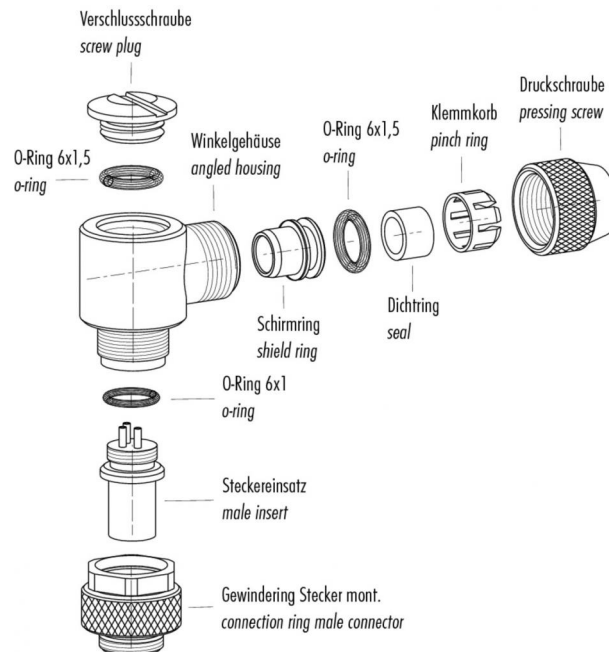
|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuZn (Messing)  |
| Contact plating          | Au (gold)       |
| Material of contact body | PBT (UL 94 V-0) |

Product **Contacts: 5, male angled connector, 360° EMC safe, shieldable, cable outlet 3.5-5mm**

Area **M9 IP67 Series 712**

Article number **99 0413 75 05**

## Item description



## Installation instructions / Mounting cutout

1. Teile auffädeln, Kabel abmanteln
2. Schirm aufweiten, um Schirmring legen, überstehendes Geflecht abschneiden, abisolieren
3. Litzen durch Gehäuse fädeln, Druckschraube montieren, Litzen anlöten
4. Übrige Teile montieren

1. Bead parts, dismantle cable

2. Widen shield, put around shielding ring, cut off projecting braid, dismantle

3. Thread wires through housing, mount pressing screw, solder wires

4. Mount remaining parts

