

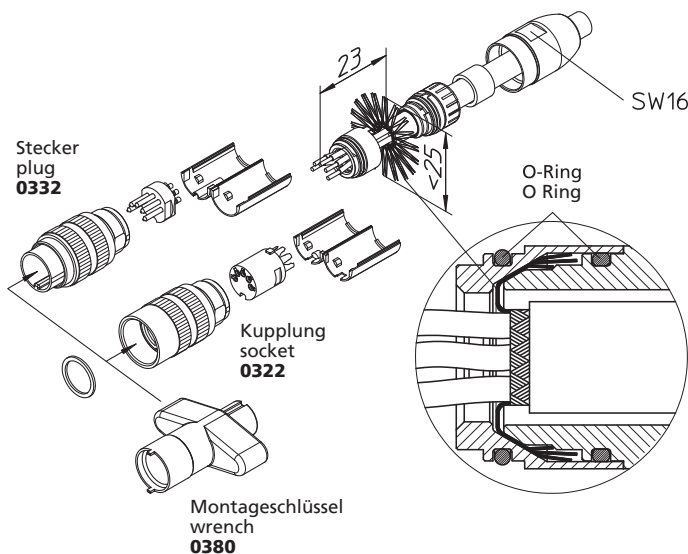
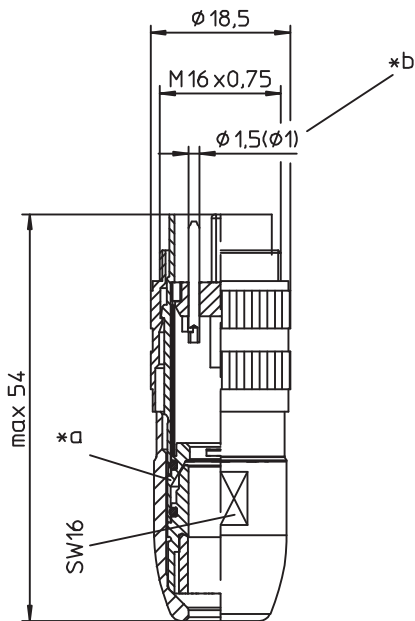
03 0332

Circular connectors with threaded joint M16 acc. to IEC 61076-2-106, IP40/IP67/IP68



Plug acc. to IEC 61076-2-106, IP 68, with threaded joint and solder terminals, shielded at 360°

03 0332



#### Environmental conditions

Temperature range -40 °C/+85 °C

#### Materials

|                 |                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------|
| Insulating body | PA GF, V-0 according to UL94                                                                            |
| Contact pin     | CuZn, silver-plated and flash gold-plated (3-8 poles)<br>CuZn, pre-nickel and gold-plated (12-14 poles) |
| Housing         | CuZn, nickel-plated                                                                                     |
| Knurled screw   | CuZn, nickel-plated                                                                                     |
| Seal            | NBR                                                                                                     |

#### Mechanical data

Protection class IP68<sup>1</sup>

<sup>1</sup> according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart; IPX8 requirements under agreement between manufacturer and user

#### Connectable conductors for solder area

|                |                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------|
| Section        | ≤ 0.75 mm <sup>2</sup> (AWG 20)<br>(3-8 poles)<br>≤ 0.25 mm <sup>2</sup> (AWG 24)<br>(12-14 poles) |
| Cable diameter | 4–8 mm                                                                                             |

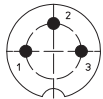
#### Electrical data (at T<sub>amb</sub> 20 °C)

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Rated current         | 5 A (T <sub>amb</sub> 40 °C, 3-8 poles)<br>3 A (T <sub>amb</sub> 40 °C, 12-14 poles)   |
| Rated voltage         | 250 V (versions 03, 04, 05-1, 06, 07)<br>60 V (versions 05, 07-1, 08, 08-1, 12, 14)    |
| Rated impulse voltage | 2000 V (versions 03, 04, 05-1, 06, 07)<br>1000 V (versions 05, 07-1, 08, 08-1, 12, 14) |
| Insulation resistance | > 100 MΩ                                                                               |

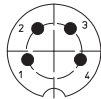
#### Associated products

|              |            |            |
|--------------|------------|------------|
| Counterparts |            |            |
| ☞ 0304       | ☞ 0304-1   | ☞ 0304-2   |
| ☞ 0305       | ☞ 0305-1   | ☞ 0305-1 U |
| ☞ 0305-2     | ☞ 0306     | ☞ 0306-1   |
| ☞ 0306-2     | ☞ 0307     | ☞ 0307-1   |
| ☞ 0307-2     | ☞ 030798-1 | ☞ 030798-2 |
| ☞ 030799-2   | ☞ 0308     | ☞ 0308-1   |

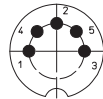
03 0332



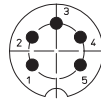
03-a  
0332 03



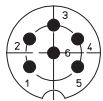
04-a  
0332 04



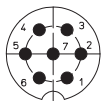
05-b  
0332 05



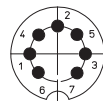
05-a  
0332 05-1



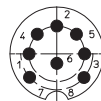
06-a  
0332 06



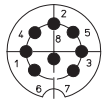
07-a  
0332 07



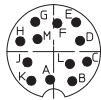
07-b  
0332 07-1



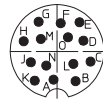
0332 08



08-a  
0332 08-1



12-a  
0332 12



14-a  
0332 14

☑ 0308-2  
☑ 0322-1  
☑ 036000  
☑ 0363

Accessories  
☑ 0383

☑ 0321  
☑ 032200  
☑ 0362

☑ 038399

☑ 0322  
☑ 0360  
☑ 036297

☑ 038899

\*a shielding

\*b 12 and 14 pole version Ø 1.0 mm

03 0332

| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|-------------|-------------|-------------|--------------|
| 0332 03     | 3           | 50          | 100          |
| 0332 04     | 4           | 50          | 100          |
| 0332 05     | 5           | 50          | 100          |
| 0332 05-1   | 5           | 50          | 100          |
| 0332 06     | 6           | 50          | 100          |
| 0332 07     | 7           | 50          | 100          |
| 0332 07-1   | 7           | 50          | 100          |
| 0332 08     | 8           | 50          | 100          |
| 0332 08-1   | 8           | 50          | 100          |
| 0332 12     | 12          | 50          | 100          |
| 0332 14     | 14          | 50          | 100          |

**Packaging:**

sets of individual parts in plastic bags, in a cardboard box