

Product description

Contacts: 3 DIN, male angled connector, cable outlet 4 - 6 mm, plastic model, silver plated contacts

Area

M16 IP40 Series 682

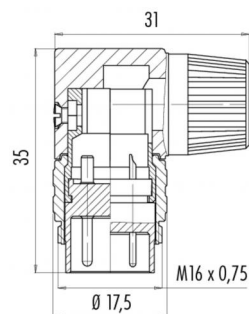
Order number

09 0135 70 03

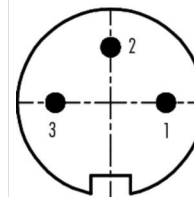
Illustration



Scale drawing



Contact arrangement



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

You can find the component part drawing on the next page.

Technical data

General values

| | |
|--------------------------|-----------------------|
| Connector design | male angled connector |
| Connector locking system | bolted |
| Termination | solder |
| Wire gauge (mm) | 0,75 mm ² |
| Wire gauge (AWG) | 20 |
| Cable outlet | 4,0 - 6,0 mm |
| Upper limit temperature | 85 °C |
| Lower limit temperature | -40 °C |

Electrical values

| | |
|---------------------------|---------------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 1 |
| Overvoltage category | I |
| Insulating material group | III |
| Rated current (40 °C) | 7 A |
| Volume resistivity | ≤ 5 mΩ |
| EMC compliance | Shielding is not possible |
| Degree of protection | IP40 |
| Mechanical operation | > 500 Mating cycles |

Material

| | |
|-----------------------|-----------------|
| Contact material | CuZn (brass) |
| Contact plating | Ag (silver) |
| Contact body material | PBT (UL 94 V-0) |

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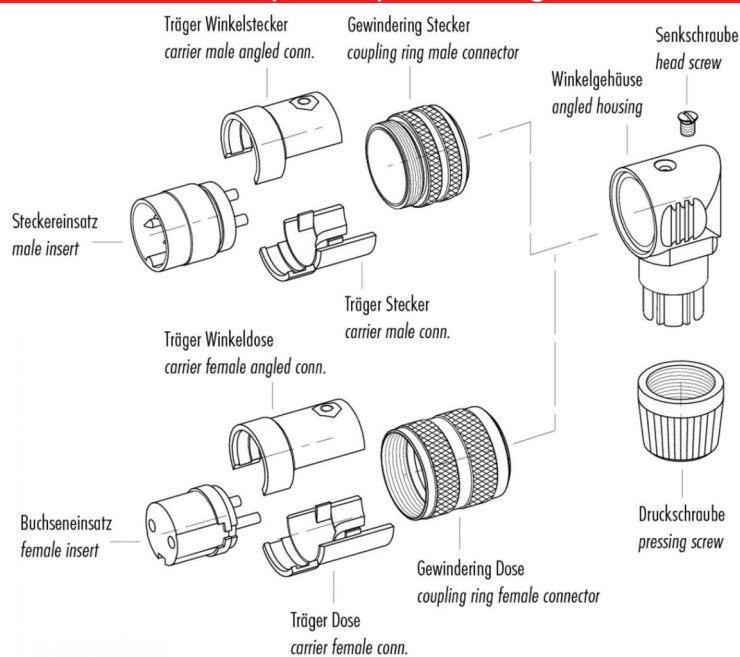
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Component part drawing



| | |
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Sicherheitshinweise

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

The connector is not suitable for mains voltages. Please observe the pollution degrees and the overvoltage category. For further information refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).