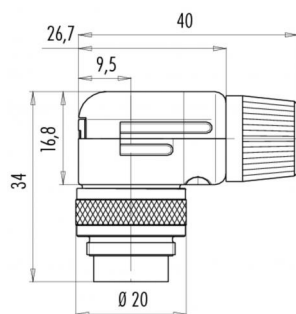


Product **M16 IP40 male angled connector, Contacts: 7, 6.0 - 8.0 mm, shieldable, solder, IP40**  
 Area **M16 IP40 series 682**  
 Article number **99 0145 12 07**

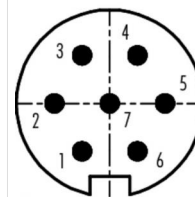
**Illustration**



**Ritning**



**Polbild**



	X	Y
1	-1,75	-3,03
2	-3,50	0,00
3	-1,75	3,03
4	1,75	3,03
5	3,50	0,00
6	1,75	-3,03
7	0,00	0,00

You can find the item description on the next page.

**Technical data**

**General features**

Kontaktdesign male angled connector  
 Kontaktdonslåsning screw  
 Anslutning solder  
 Tvärsnitt (mm) 0.75 mm<sup>2</sup>  
 Tvärsnitt (AWG) 18  
 Kabeluttag 6.0 - 8.0 mm  
 Övre gränstemperatur 85 °C  
 Lägre gränstemperatur -40 °C  
 Customs tariff number 85369010

**Electrical parameters**

Märkström (40°C) 5 A  
 Märkspänning 125 V  
 Märkstötspänning 800 V  
 Föroreningsgrad 1  
 Överspänningskategori I  
 Isolermaterialgrupp III  
 Resistans ≤ 5 mΩ  
 Insulation resistance ≥ 10<sup>10</sup> Ω  
 EMV-behörighet shieldable  
 Kapslingsklass IP40  
 Mekanisk livslängd > 500 Mating cycles

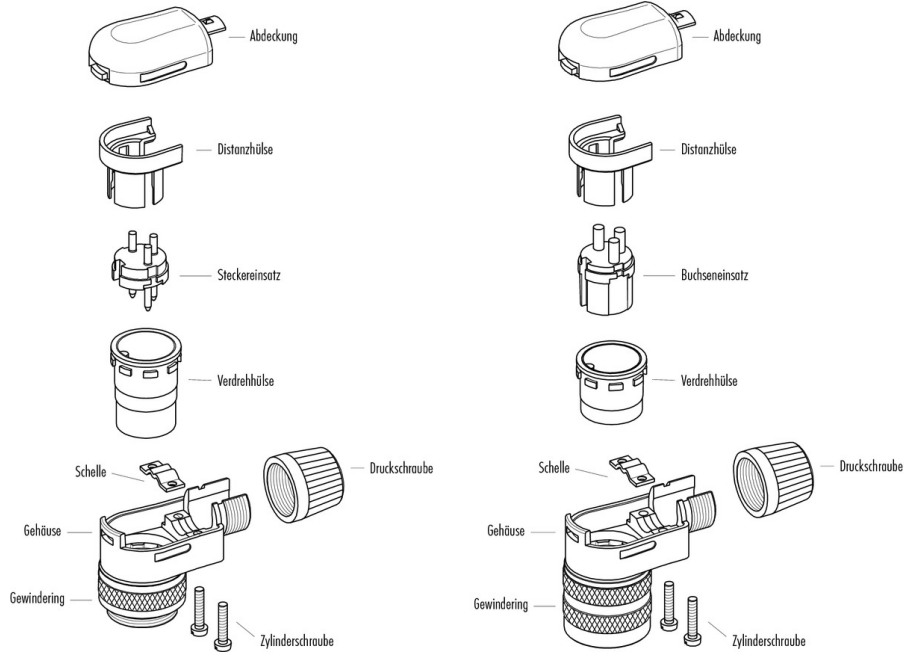
**Material**

Kontaktmaterial CuZn (brass)  
 Kontaktplätning Ag (silver)  
 Kontaktkroppsmaterial PBT (UL 94 V-0)  
 Kontakthusmaterial PA

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### Sprängskiss



Product	<b>M16 IP40 male angled connector, Contacts: 7, 6.0 - 8.0 mm, shieldable, solder, IP40</b>
Area	<b>M16 IP40 series 682</b>
Article number	<b>99 0145 12 07</b>

## Security notices

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.

To prevent the connector being opened unintentionally when used in electrical circuits containing hazardous life parts, the thread between the housing and the connector head must be secured using a suitable cyanoacrylate adhesive. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

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.

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