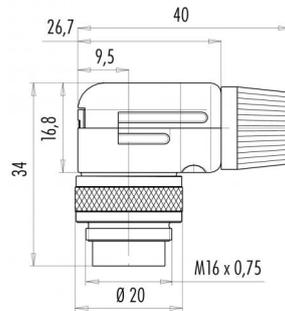


Product description **M16 IP40 male angled connector, Contacts: 14, 4.0 - 6.0 mm, shieldable, solder, IP40**
 Area **M16 IP40 series 682**
 Order number **99 0161 10 14**

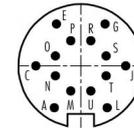
Illustration



Scale drawing



Contact arrangement (Plug-in side)



	X	Y
A	-2,50	-4,00
C	-4,25	0,00
E	-2,30	4,00
G	2,30	4,00
J	4,25	0,00
L	2,50	-4,00
M	-0,95	-2,40
N	-2,40	-0,95
O	-2,40	0,95
P	-0,95	2,40
R	0,95	2,40
S	2,40	0,95
T	2,40	-0,95
U	0,95	-2,40

You can find the component part drawing and assembly instructions on the next page.

Technical data

General values

Connector design male angled connector
 Connector locking system screw
 Termination solder
 Wire gauge (mm) max. 0.25 mm²
 Wire gauge (AWG) max. 24
 Cable outlet 4.0 - 6.0 mm
 Upper limit temperature 85 °C
 Lower limit temperature - 40 °C
 Customs tariff number 85369010
 Packaging Unit 50

Electrical values

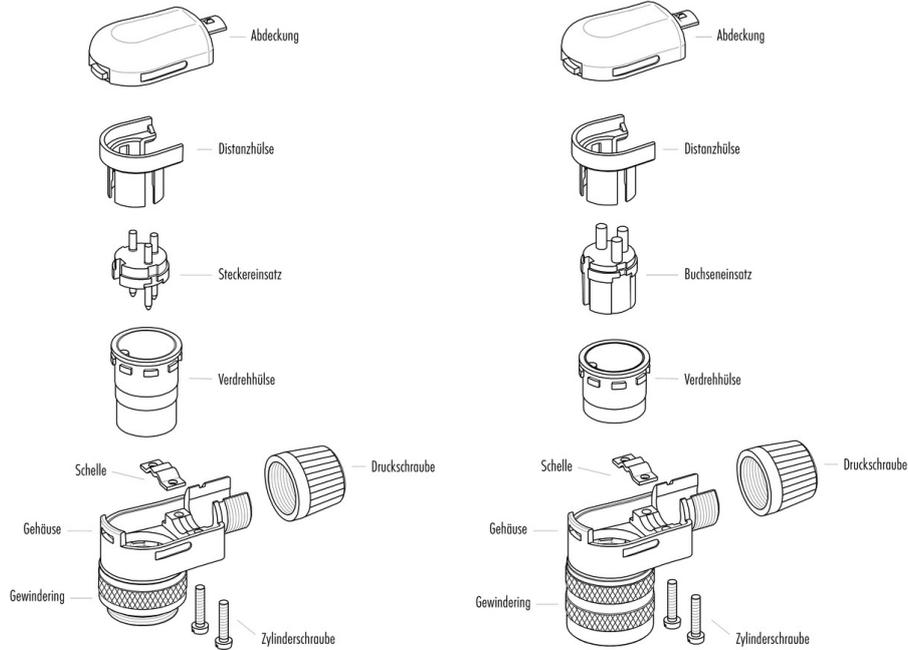
Rated current (40 °C) 3 A
 Rated voltage 60 V
 Rated impulse voltage 500 V
 Pollution degree 1
 Overvoltage category I
 Insulating material group III
 Insulation resistance ≥ 10¹⁰ Ω
 EMC compliance shieldable
 Degree of protection IP40
 Mechanical operation > 1000 Mating cycles

Material

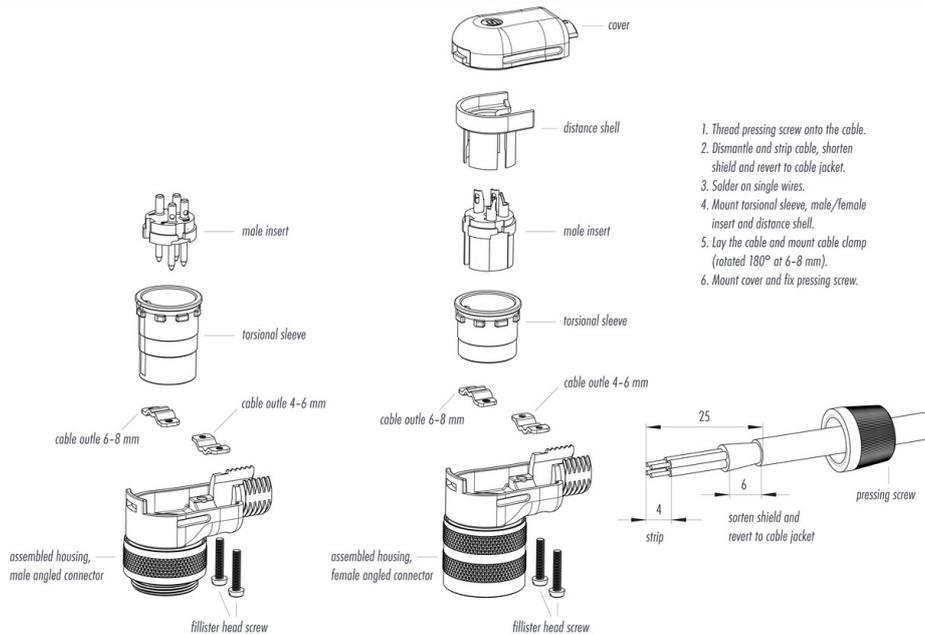
Contact material CuZn (brass)
 Contact plating Au (gold)
 Contact body material PBT (UL94 V-0)
 Housing material Zinc die-cast nickel-plated
 REACH SVHC CAS 7439-92-1 (Lead)

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Component part drawing



Assembly instructions / Panel cut-out



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Security notices

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