Product data sheet

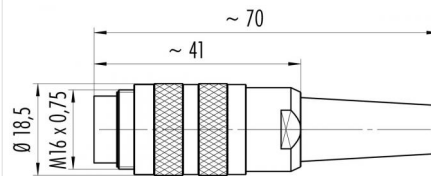# Miniature connectors

binder

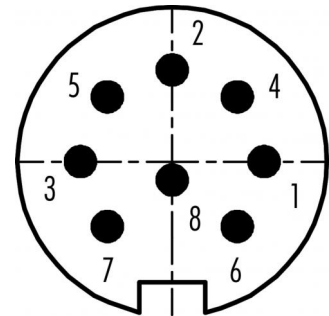|	
Product description	**M16 IP40 male cable connector, Contacts: 8 DIN, 4.0 - 6.0 mm, shieldable, crimp (Crimp contacts must be ordered separately), IP40**
Area	**M16 IP40 series 581**
Order number	**99 2061 700 08**

Illustration

Scale drawing

~ 70
~ 41
Ø 18,5
M16 x 0,75

Contact arrangement (Plug-in side)

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

Technical data

General values

Connector design	male cable connector
Connector locking system	screw
Termination	crimp (Crimp contacts must be ordered separately)
Wire gauge (mm)	see crimp contacts under accessories
Cable outlet	4.0 - 6.0 mm
Upper limit temperature	100 °C
Lower limit temperature	-40 °C
Customs tariff number	85369010

Electrical values

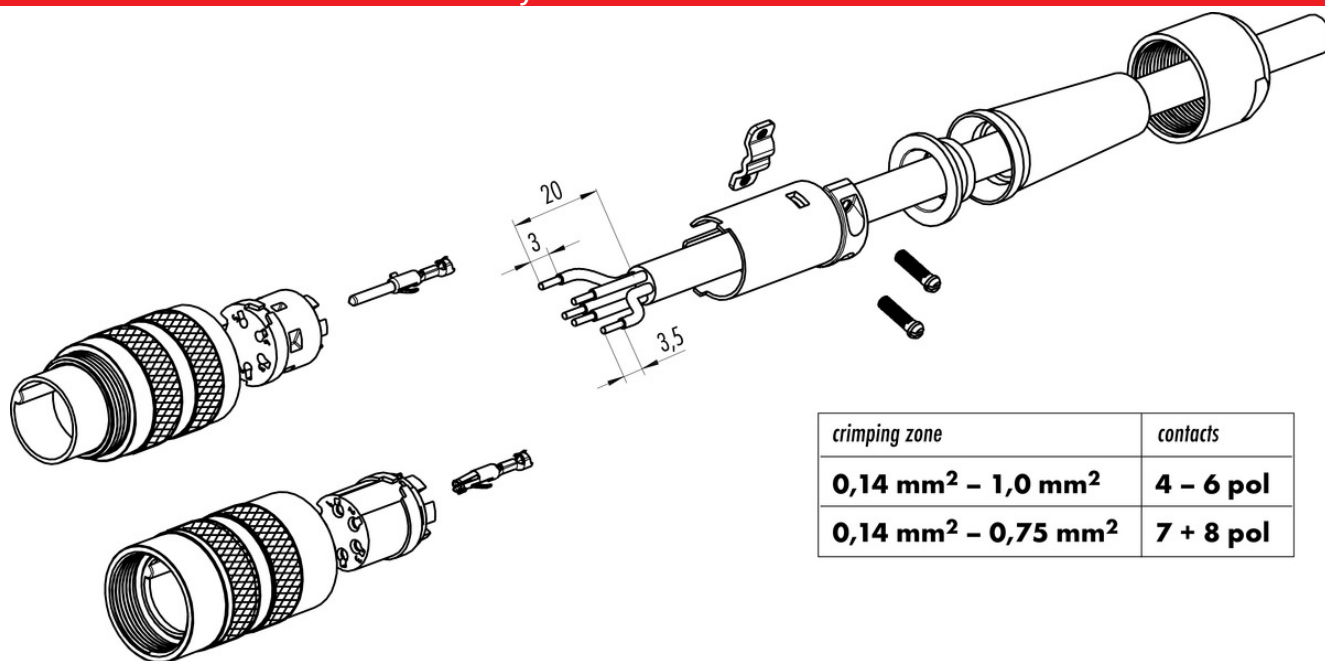|	
Rated current (40 °C)	5 A
Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Insulating material group	III
Insulation resistance	$\geq 10^{10}\ \Omega$
EMC compliance	shieldable
Degree of protection	IP40
Mechanical operation	> 500 Mating cycles

Material

Contact material	depending on crimp contact (accessory)
Contact body material	PBT (UL94 V-0)
REACH SVHC	CAS 7439-92-1 (Lead)

Product data sheet

Miniature connectors

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Component part drawing
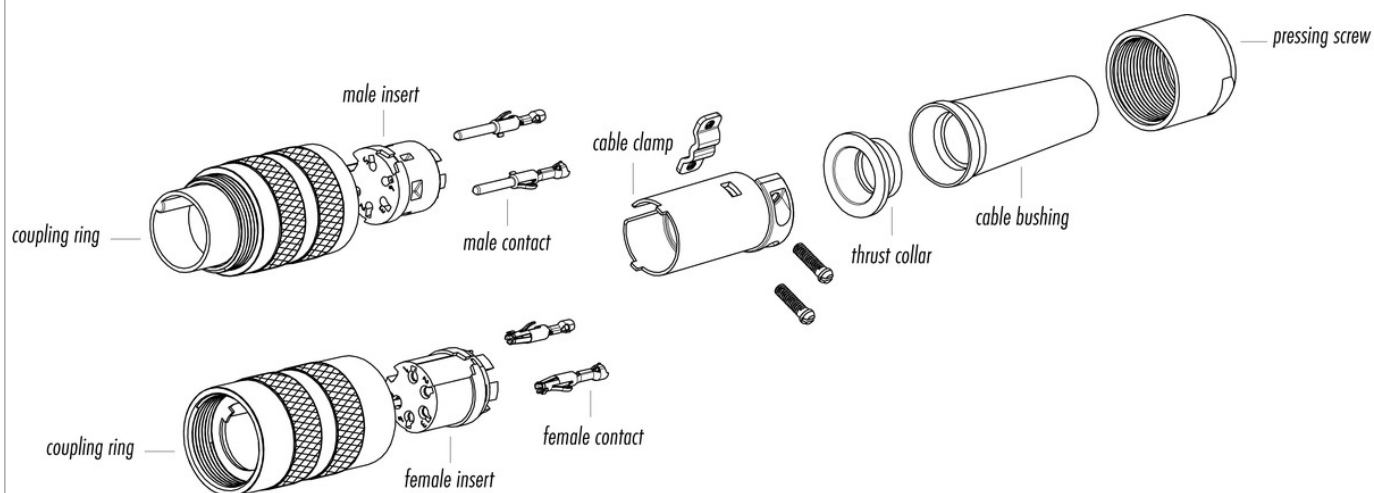
Assembly instructions / Panel cut-out

crimping zone	contacts
0,14 mm² – 1,0 mm²	**4 – 6 pol**
0,14 mm² – 0,75 mm²	**7 + 8 pol**

Product data sheet
Miniature connectors

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Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.
To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).