

Product data sheet

Miniature connectors

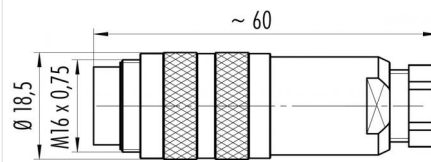


Product description	M16 IP67 cable connector, Contacts: 8 DIN, 4.0 - 6.0 mm, shieldable, crimp (Crimp contacts must be ordered separately), IP68, UL, AISG compliant
Area	M16 IP67 series 423
Order number	99 5171 700 08

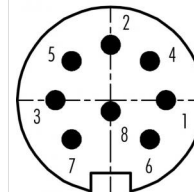
Illustration



Scale drawing



Contact arrangement (Plug-in side)



	X	Y
1	3,50	0,00
2	0,00	3,50
3	-3,50	0,00
4	2,47	2,47
5	-2,47	2,47
6	2,47	-2,47
7	-2,47	-2,47
8	0,00	-0,70

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

Technical data

General values

Connector design	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
Packaging Unit	50

Cable data

Approval 1	UL
Approval 2	AISG compliant

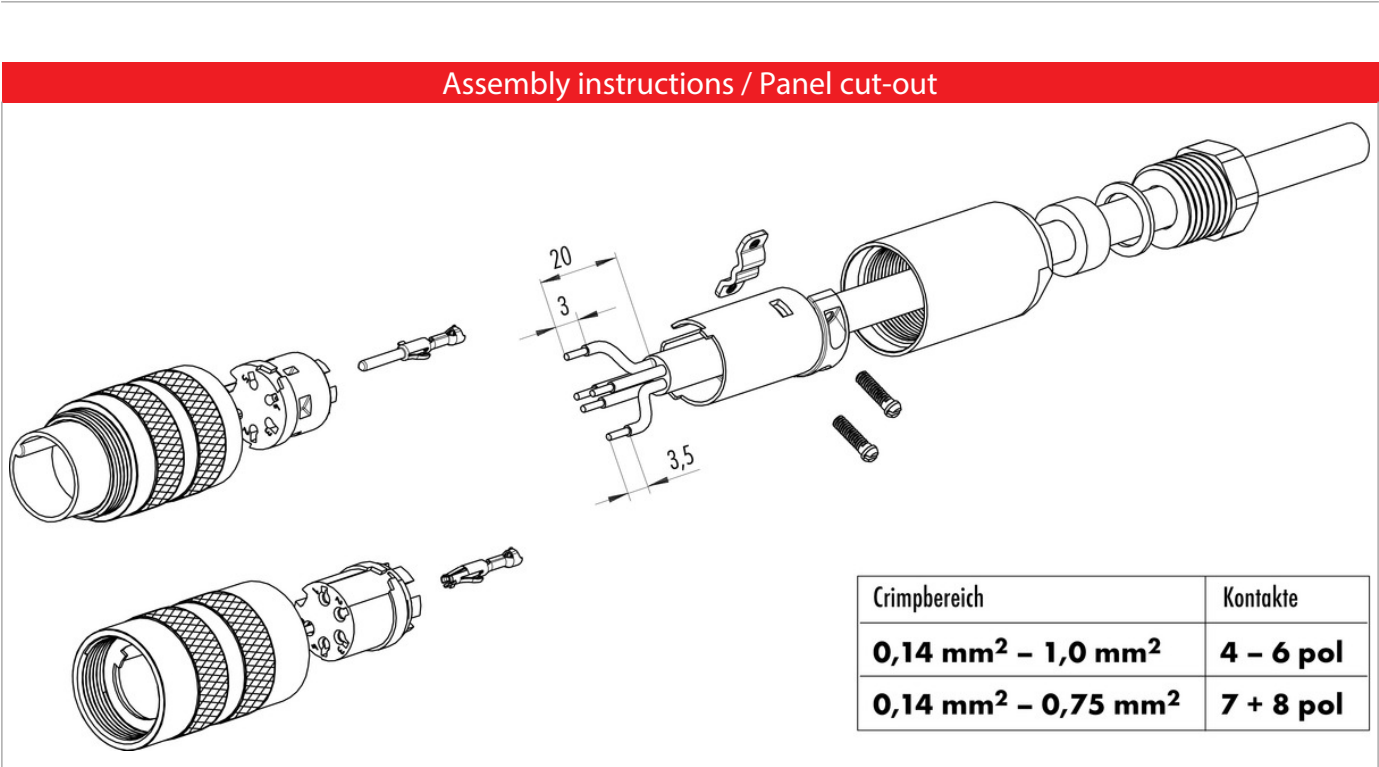
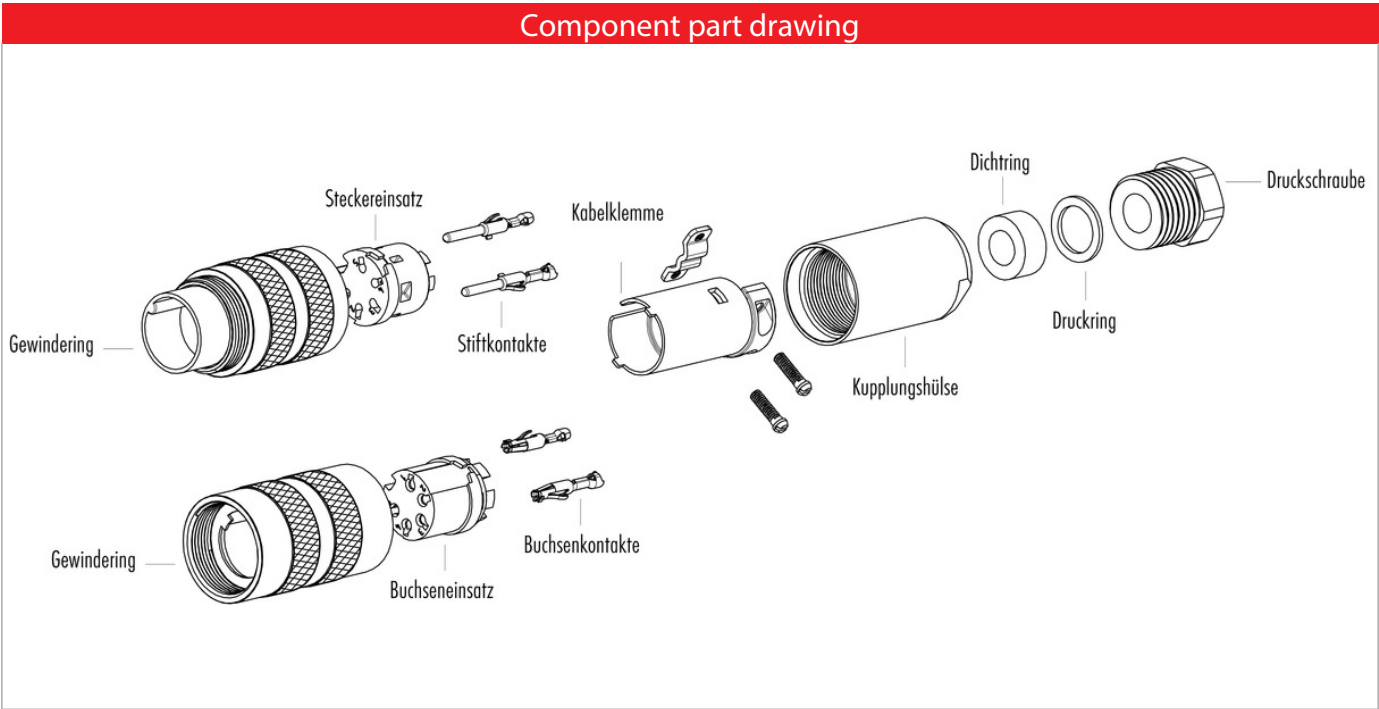
Electrical values

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	IP68
Mechanical operation	IP67
	> 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)

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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).