

# Product data sheet

## Miniature connectors

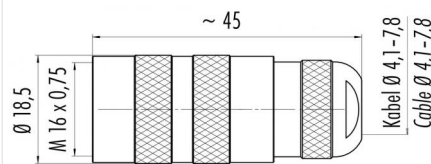


Product description	<b>M16 IP67 female cable connector, Contacts: 8 DIN, 4.0 - 8.0 mm, shielding is not possible, crimp (Crimp contacts must be ordered separately), IP68, UL, AISG compliant</b>
Area	<b>M16 IP67 series 423</b>
Order number	<b>99 5172 740 08</b>

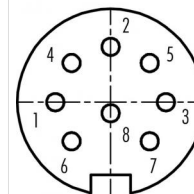
### Illustration



### 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	female 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 - 8.0 mm
Upper limit temperature	100 °C
Lower limit temperature	- 40 °C
Customs tariff number	85369010
Packaging Unit	40

### Cable data

Approval 1	UL
Approval 2	AISG compliant

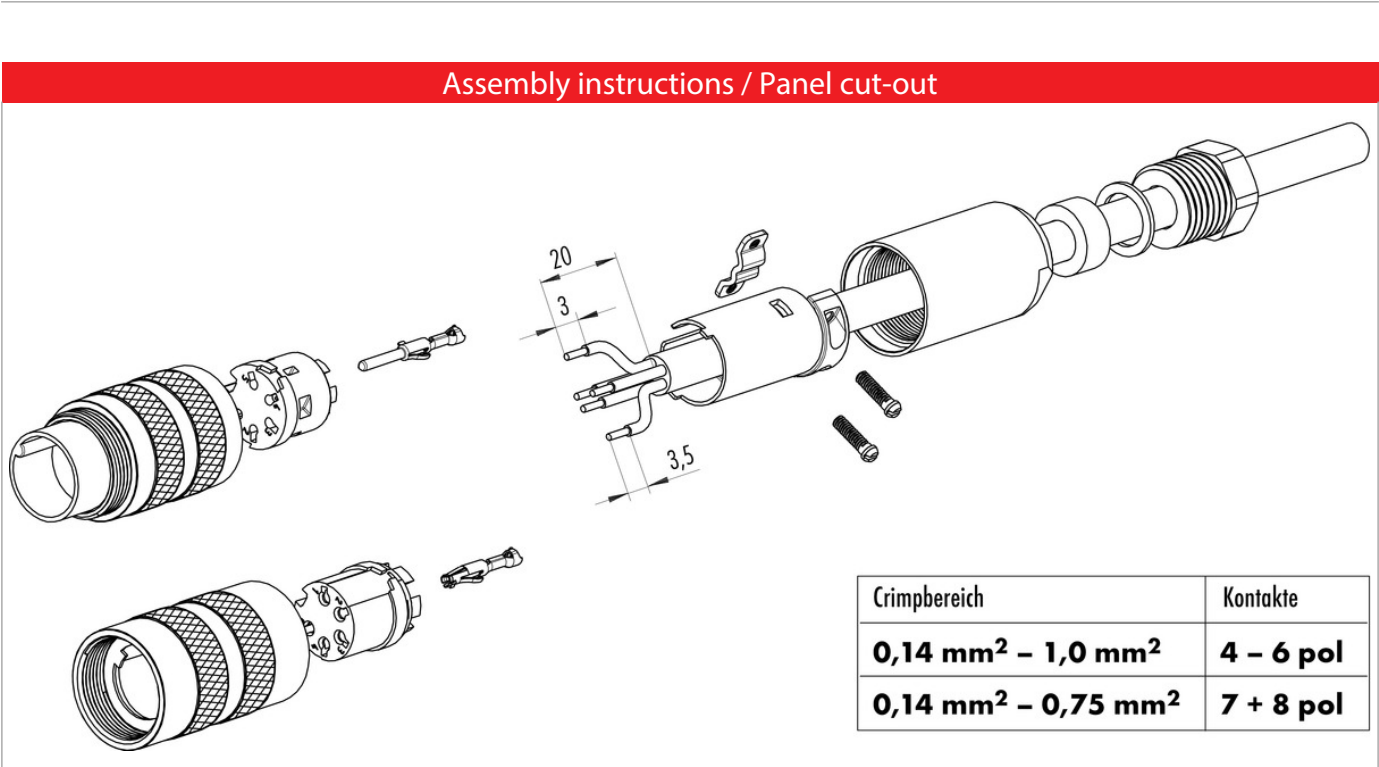
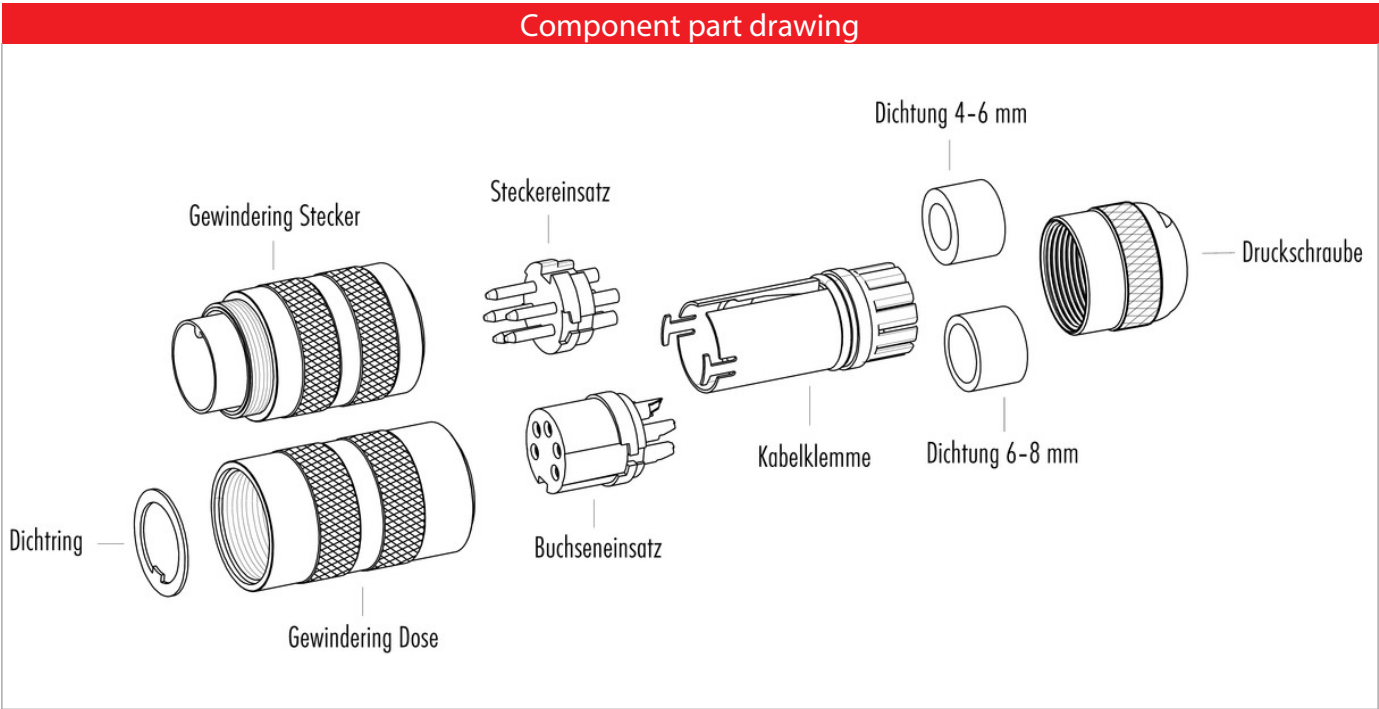
### Electrical values

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	shielding is not possible
Degree of protection	IP68
	IP67
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)

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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.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection 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).