

Product **M16 IP67 cable connector, Contacts: 16, 4.0 - 6.0 mm, Shielding is not possible, solder, IP67**  
 Area **M16 IP67 series 723**  
 Article number **09 0505 25 16**

Illustration	Ritning	Polbild																																																			
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>A</td><td>-2,50</td><td>-4,00</td></tr> <tr><td>B</td><td>-4,00</td><td>-2,25</td></tr> <tr><td>C</td><td>-4,25</td><td>0,00</td></tr> <tr><td>D</td><td>-4,00</td><td>2,40</td></tr> <tr><td>E</td><td>-2,30</td><td>4,00</td></tr> <tr><td>F</td><td>0,00</td><td>4,25</td></tr> <tr><td>G</td><td>2,30</td><td>4,00</td></tr> <tr><td>H</td><td>4,00</td><td>2,40</td></tr> <tr><td>I</td><td>4,25</td><td>0,00</td></tr> <tr><td>K</td><td>4,00</td><td>-2,25</td></tr> <tr><td>L</td><td>2,50</td><td>-4,00</td></tr> <tr><td>M</td><td>0,00</td><td>-2,60</td></tr> <tr><td>N</td><td>-2,45</td><td>-0,80</td></tr> <tr><td>O</td><td>-1,50</td><td>2,10</td></tr> <tr><td>P</td><td>1,50</td><td>2,10</td></tr> <tr><td>R</td><td>2,40</td><td>-0,80</td></tr> </tbody> </table>		X	Y	A	-2,50	-4,00	B	-4,00	-2,25	C	-4,25	0,00	D	-4,00	2,40	E	-2,30	4,00	F	0,00	4,25	G	2,30	4,00	H	4,00	2,40	I	4,25	0,00	K	4,00	-2,25	L	2,50	-4,00	M	0,00	-2,60	N	-2,45	-0,80	O	-1,50	2,10	P	1,50	2,10	R	2,40	-0,80
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You can find the item description on the next page.

## Technical data

### General features

Kontaktdesign	cable connector
Kontaktionslåsning	screw
Anslutning	solder
Tvärsnitt (mm)	0.25 mm <sup>2</sup>
Tvärsnitt (AWG)	24
Kabeluttag	4.0 - 6.0 mm
Övre gränstemperatur	95 °C
Lägre gränstemperatur	-40 °C
Customs tariff number	85369010

### Electrical parameters

Märkström (40°C)	3 A
Märkspänning	60 V
Märkstötspänning	500 V
Föroreningsgrad	1
Överspänningskategori	I
Isoleringsmaterialgrupp	III
Resistans	≤ 3 mΩ
Insulation resistance	≥ 10 <sup>10</sup> Ω
EMV-behörighet	Shielding is not possible
Kapslingsklass	IP67
Mekanisk livslängd	> 500 Mating cycles

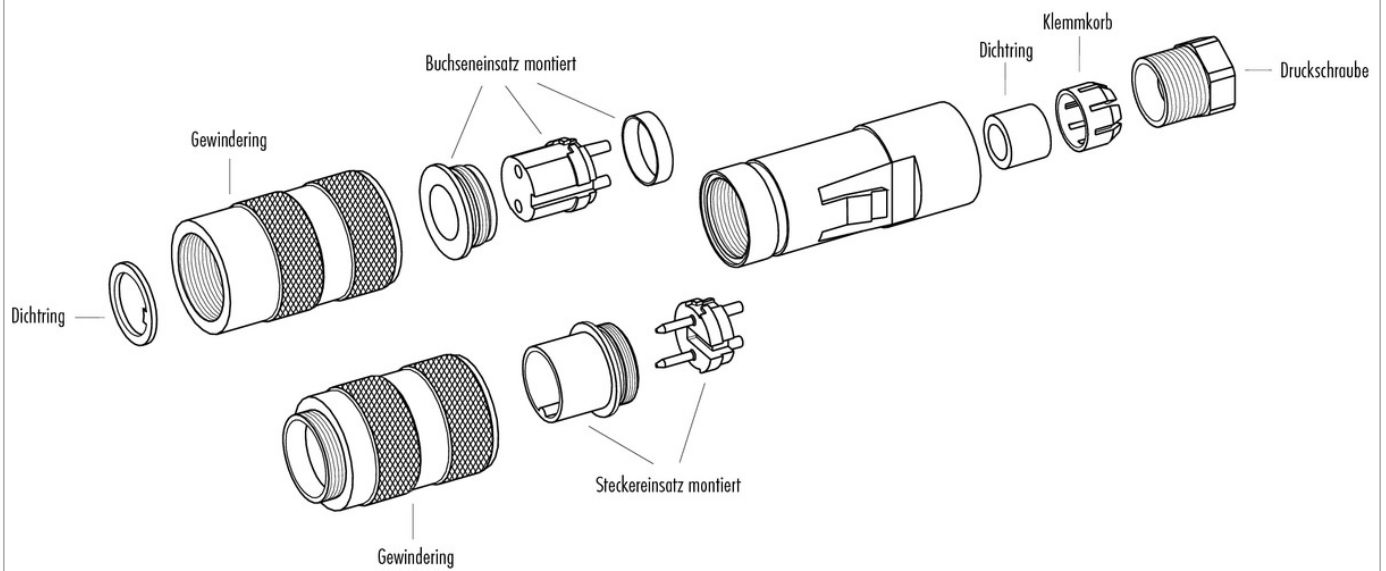
### Material

Kontaktmaterial	CuZn (brass)
Kontaktplätering	Au (gold)
Kontaktkroppsmaterial	PBT (UL 94 V-0)
Kontaktusmaterial	PA

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### Sprängskiss



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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).