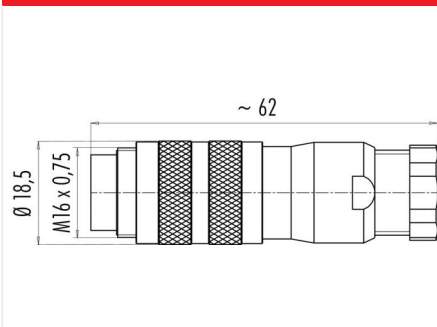


Product description	M16 IP67 cable connector, Contacts: 24, 6.0 - 8.0 mm, shieldable, solder, IP67, UL
Area	M16 IP67 series 423
Order number	99 5695 15 24

Illustration



Scale drawing



Contact arrangement (Plug-in side)

	X1	Y1
1	4,00	-1,50
2	4,00	0,35
3	4,00	2,20
4	2,40	3,10
5	2,40	1,30
6	2,40	-0,55
7	2,40	-2,40
8	0,80	-3,30
9	0,80	-1,50
10	0,80	0,35
11	0,80	2,20
12	0,80	4,00
13	-0,80	3,10
14	-0,80	1,30
15	-0,80	-0,55
16	-0,80	-2,40
17	-2,40	-3,30
18	-2,40	-1,50
19	-2,40	0,35
20	-2,40	2,20
21	-2,40	4,00
22	-4,00	1,30
23	-4,00	-0,55
24	-4,00	-2,40

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	solder
Wire gauge (mm)	0.14 mm ²
Wire gauge (AWG)	26
Cable outlet	6.0 - 8.0 mm
Upper limit temperature	95 °C
Lower limit temperature	- 30 °C
Customs tariff number	85369010
Packaging Unit	20

Cable data

Approval 1	UL
------------	----

Electrical values

Rated current (40 °C)	1 A
Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	I
Overvoltage category	III
Insulating material group	≥ 10 ¹⁰ Ω
Insulation resistance	shieldable
EMC compliance	IP67
Degree of protection	> 500 Mating cycles
Mechanical operation	

Material

Contact material	CuZn (brass)
Contact plating	Au (gold)
Contact body material	PBT (UL94 V-0)
REACH SVHC	CAS 96-45-7 (Imidazolidine-2-thione) CAS 7439-92-1 (Lead)

Product description **M16 IP67 cable connector, Contacts: 24, 6.0 - 8.0 mm, shieldable, solder, IP67, UL**

Area **M16 IP67 series 423**
Order number **99 5695 15 24**

Component part drawing



Assembly instructions / Panel cut-out

Gerade Version

(Ausführung mit Schirmklemmring)

1. Druckschraube, Klemmkorb, Dichtung, Distanzhülse und ersten Schirmklemmring auffädeln.
2. Litzen abisolieren, Schirm aufweiten und zweiten Schirmklemmring auffädeln.
3. Litzen anlöten, Distanzhülse montieren, die beiden Klemmringe mit dem Schirm zusammenschieben und überstehenden Schirm abschneiden.
4. Übrige Teile gemäß Darstellung montieren.



Product description	M16 IP67 cable connector, Contacts: 24, 6.0 - 8.0 mm, shieldable, solder, IP67, UL
Area	M16 IP67 series 423
Order number	99 5695 15 24

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).