

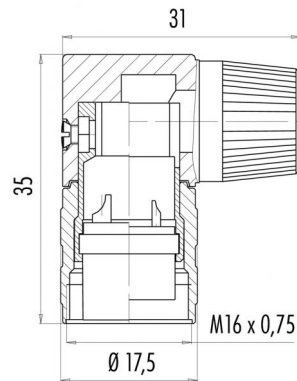
Product Area Female angled connector, cable outlet 6-8 mm, plastic version
M16 connectors IP 40 serie 682

Pole 24
Article number 09 0166 72 24

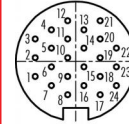
illustration



scale drawing



Contact Arrangement



	X	Y
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 item description on the next page.

Technical data

Common values

Connector Design	Female angled cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	0,14 mm ²
Wire gauge (AWG)	26
Cable outlet	6 - 7,8 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 HB)

Cable data

Contacts 24, female angled connector, cable outlet 6 - 8 mm, plastic version, gold plated contacts

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	I
Overvoltage category	I
Material group	III
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



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Date: 2014-07-20 - Page 2 of 2

Item description

