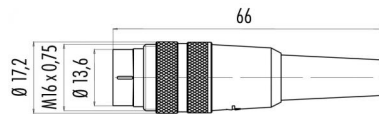


Product Area	Male cable connector, cable outlet 3-6 mm M16 connectors IP 40	serie 680	Pole Article number	5 09 0313 00 05
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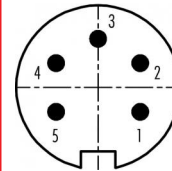
illustration



scale drawing



Contact Arrangement



	X	Y
1	3,03	-1,75
2	3,03	1,75
3	0,00	3,50
4	-3,03	1,75
5	-3,03	-1,75

You can find the item description on the next page.

Technical data

Common values

Connector Design	Male cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	0,75 mm ²
Wire gauge (AWG)	20
Cable outlet	3 - 6 mm
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	Ag (silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 HB)

Cable data

Contacts 5, male cable connector, cable outlet
3 - 6 mm, silver plated contacts

Electrical values

Rated voltage	250 V
Rated impulse voltage	1500
Pollution degree	I
Overvoltage category	I
Material group	III
Rated current (40°C)	6 A
Volume resistivity	≤ 5 mΩ
EMV compliance	not shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product Male cable connector, cable outlet 3-6 mm
Area M16 connectors IP 40

serie 680

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Item description

