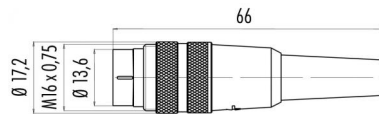


Product Area	Male cable connector, cable outlet 3-6 mm M16 connectors IP 40	serie 680	Pole Article number	7 DIN 09 1581 00 07
--------------	---	-----------	---------------------	------------------------

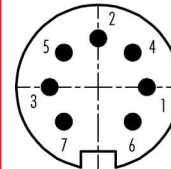
illustration



scale drawing



Contact Arrangement



	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

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

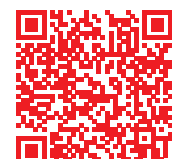
Material of contact	CuZn (brass)
Contact plating	Ag (silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PA (UL 94 HB)

Cable data

Contacts 7 DIN, male cable connector, cable outlet 3 - 6 mm, silver plated contacts

Electrical values

Rated voltage	60 V
Rated impulse voltage	500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	5 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

Pole 7 DIN
Article number 09 1581 00 07

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

Item description

