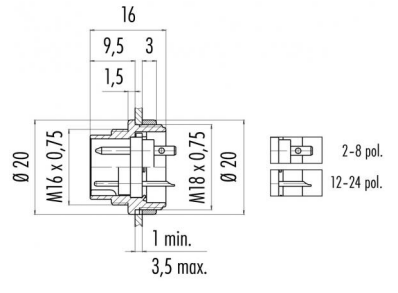


Product Area	Male socket, solder M16 connectors IP 40	serie 581 / 680 / 682	Pole Article number	2 09 0303 00 02
--------------	---	-----------------------	---------------------	--------------------

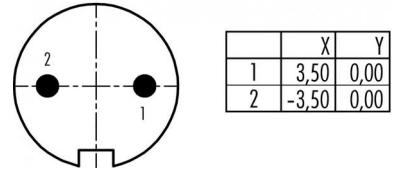
illustration



scale drawing



Contact Arrangement



You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male socket
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	0,75 mm <sup>2</sup>
Wire gauge (AWG)	20
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

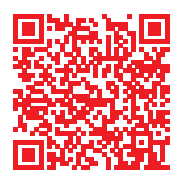
Material of contact	CuZn (brass)
Contact plating	Ag (silver)
Material of contact body	PBT (UL 94 V-0)
Material of housing	zinc diecasting, nickel plated

Electrical values

Rated voltage	250 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	7 A
Volume resistivity	≤ 5 mΩ
EMV compliance	shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles

Cable data

Contacts 2, male socket, solder, silver plated contacts



Product  
Area

Male socket, solder  
M16 connectors IP 40

serie 581/ 680/ 682

Pole  
Article number

2  
09 0303 00 02

Installation instructions / Mounting cutout

