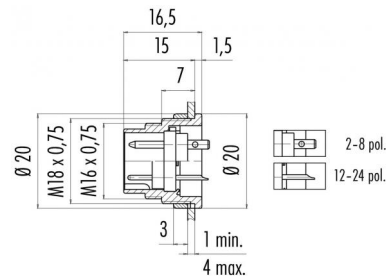


Product Area	Male socket, solder, front fastened M16 connectors IP 40	serie 581/ 680/ 682	Pole Article number	5 09 0315 80 05
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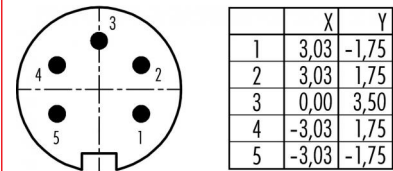
illustration



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

Cable data

Contacts 5, male socket, solder, front fastened, silver plated contacts

Electrical values

Rated voltage	250 V
Rated impulse voltage	1500
Pollution degree	1
Overvoltage category	I
Material group	III
Rated current (40°C)	6 A
Volume resistivity	≤ 5 mΩ
EMV compliance	shielded
Degree of protection	IP 40
Mechanical operation	>500 mating cycles



Product Male socket, solder, front fastened  
Area M16 connectors IP 40

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Installation instructions / Mounting cutout

