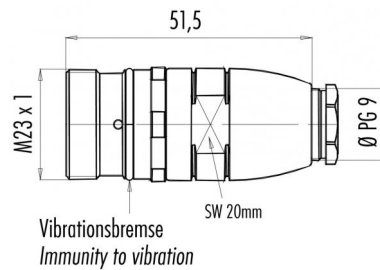


Product	Male coupling connector, cable outlet 6 - 10 mm (.24-.40 in.)	Pole	6
Area	M 23 connectors IP 67 serie 623	Article number	99 4641 00 06

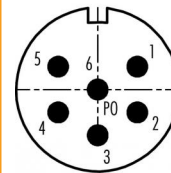
illustration



scale drawing



Contact Arrangement



	X	Y
1	4,13	2,38
2	4,13	-2,38
3	0,00	-4,75
4	-4,13	-2,38
5	-4,13	2,38
6	0,00	0,00

Technical data

Common values

Connector Design	Male angled cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	2,50 mm ²
Wire gauge (AWG)	14
Cable outlet	6 - 10 mm
Upper temperature	+125 °C
Lower temperature	-20 °C

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of housing	CUZn (brass nickel plated)

Cable data

Contacts 6, male coupling connector, cable outlet 6 - 10 mm, clockwise

Electrical values

Rated voltage	300 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	20 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

