

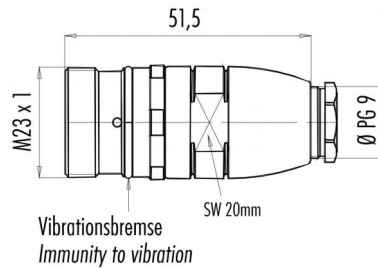
Product Female coupling connector, cable outlet 6- 10 mm (.24-.40 in.)  
Area M 23 connectors IP 67 serie 623

Pole 6  
Article number 99 4642 00 06

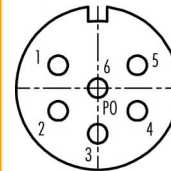
illustration



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

Material

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

Cable data

Contacts: 6, female 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

