

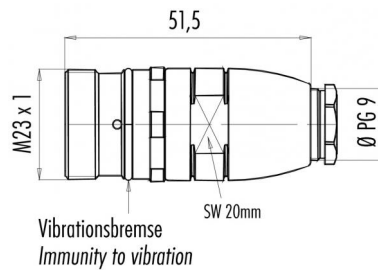
Product Area Female coupling connector, cable outlet 6- 10 mm (.24-.40 in.)
M 23 connectors IP 67 serie 623

Pole 9
Article number 99 4614 00 09

illustration



scale drawing



Contact Arrangement

	X	Y
1	-1,80	4,35
2	-4,35	1,80
3	-4,35	-1,80
4	-1,80	-4,35
5	1,80	-4,35
6	4,35	-1,80
7	4,35	1,80
8	1,80	4,35
9	0,00	0,00

Bei rechts- und linksdrehenden Ausführungen sind Stift- und Buchsenleisten gegenüberliegend.
The marking of the clockwise and anticlockwise male and female contacts goes in the opposite direction.

Technical data

Common values

Connector Design	Female angled cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	8x1,5; 1x2,5 mm ²
Wire gauge (AWG)	8x16; 1x14
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: 9, 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)	8x8A/ 1x20A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

