Product sheet

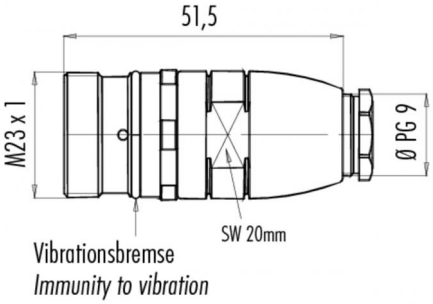
Power

Product	**Contacts: 9, coupling plug, left-turning**
Area	**M23 Power Series 623**
Article number	**99 4613 10 09**

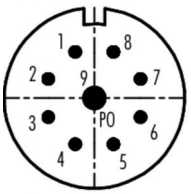
Illustration



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

Technical data

General features

Connector Design	coupling plug
Connector locking system	bolted
Termination	solder
Wire gauge (mm)	8x1,5/ 1x2,5 mm²
Wire gauge (AWG)	8x16/ 1x14
Cable outlet	6 - 10 mm
Upper temperature	125 °C
Lower temperature	-20 °C

Electrical parameters

Rated voltage	300 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	8x8 A / 1x20 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 50 Mating cycles

Material

Material of contact	CuZn (Messing)
Contact plating	Au (gold)
Material of contact body	PBT/PA66