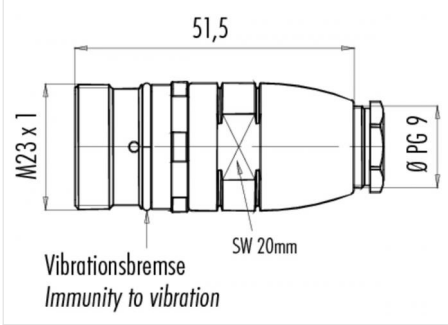


Product	<b>Contacts: 9, coupling socket, left-turning</b>
Area	<b>M23 Power Series 623</b>
Article number	<b>99 4614 10 09</b>

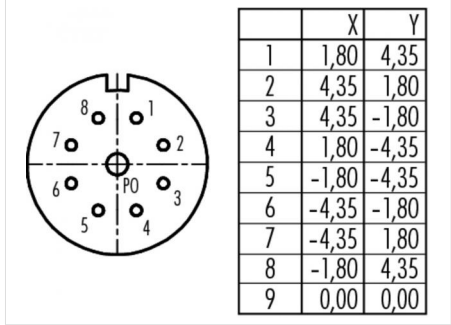
**Illustration**



**Scale drawing**



**Contact Arrangement**



**Technical data**

**General features**

Connector Design	coupling socket
Connector locking system	bolted
Termination	solder
Wire gauge (mm)	8x1,5/ 1x2,5 mm <sup>2</sup>
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	CuSn (Bronze)
Contact plating	Au (gold)
Material of contact body	PBT/PA66