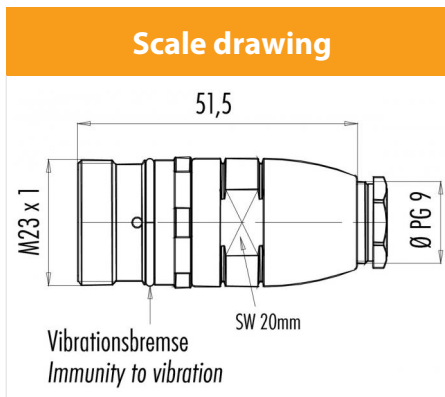


# Product sheet

## Output connector



Product	<b>Contacts: 16, Coupling plug, right-turning</b> <b>(the pin and socket insert counter-rotate</b> <b>in right and left turning models)</b>	Area	<b>M23 Power Series 623</b>
Pole	<b>16</b>	Article number	<b>99 4617 00 16</b>



### Contact Arrangement

	X	Y
1	1,70	5,50
2	4,40	3,60
3	5,70	0,70
4	5,20	-2,50
5	3,05	-4,80
6	0,00	-5,70
7	-3,05	-4,80
8	-5,20	-2,50
9	-5,70	0,70
10	-4,40	3,60
11	-1,70	5,50
12	0,00	2,80
13	2,55	1,10
14	1,70	-2,00
15	-1,70	-2,00
16	-2,55	1,10

## Technical data

### Common values

Connector Design	Coupling plug
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	1.00 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	6 - 10 mm
Upper temperature	125 °C
Lower temperature	-20 °C

### Electrical values

Rated voltage	150 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40°C)	8 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 50 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PET (UL 94 V-0)
Material of housing	CuZn (Brass nickel-plated)

Contacts: 16, Coupling plug, right-turning