

Product sheet

Output connector

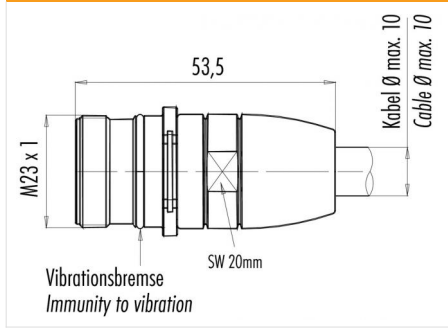


Product	Contacts: 19, Coupling socket, shieldable, right-turning (the pin and socket insert counter-rotate in right and left turning models)	Area	M23 Power Series 623
Pole	19	Article number	99 4648 00 19

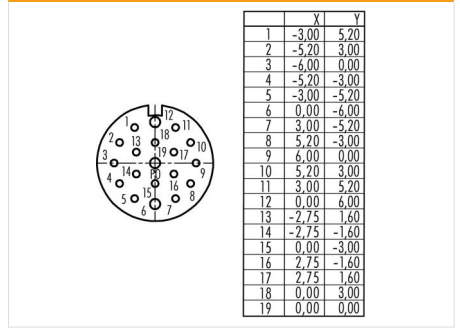
Illustration



Scale drawing



Contact Arrangement



Technical data

Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	Solder
Wire gauge (mm)	16x1.0/ 3x1.5 mm ²
Wire gauge (AWG)	16x18/ 3x16
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)	16x8A/ 3x10A
Volume resistivity	≤ 3 mΩ
EMV compliance	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
Material of housing	CuZn (Brass nickel-plated)

Contacts: 19, Coupling socket, shieldable, right-turning