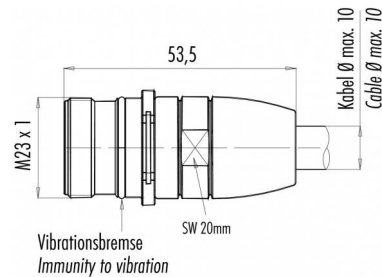


Product	Female coupling connector, shieldable, cable outlet 6 - 10 mm (.24-.40 in.) - Earth sleeves with seals have to be ordered separately	Pole	19
Area	M 23 connectors IP 67	serie 623	Article number 99 4648 00 19

illustration



scale drawing



Contact Arrangement

	X	Y
1	-3,00	5,20
2	-5,20	3,00
3	-6,00	0,00
4	-5,20	-3,00
5	-3,00	-5,20
6	0,00	-6,00
7	3,00	-5,20
8	5,20	-3,00
9	6,00	0,00
10	5,20	3,00
11	3,00	5,20
12	0,00	6,00
13	-2,75	1,60
14	-2,75	-1,60
15	0,00	-3,00
16	2,75	-1,60
17	2,75	1,60
18	0,00	3,00
19	0,00	0,00

Technical data

Common values

Connector Design	Female cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	16x1,0; 3x1,5 mm <sup>2</sup>
Wire gauge (AWG)	16x18; 3x16
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 19, female coupling connector, shieldable, cable outlet 6 - 10 mm, clockwise

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	IP 67
Mechanical operation	> 50 mating cycles

