

Product Female socket, front fastened  
Area M 23 connectors IP 67

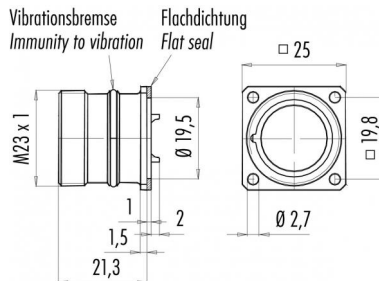
serie 623

Pole 16  
Article number 99 4612 00 16

illustration



scale drawing



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	Female socket
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	1,00 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	-
Upper temperature	+125 °C
Lower temperature	-20 °C

Material

Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of housing	zinc diecasting, nickel plated

Cable data

Contacts 16, female socket, front fastened, 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)	8 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

