

Product Area Female socket, fastened from back side  
M 23 connectors IP 67

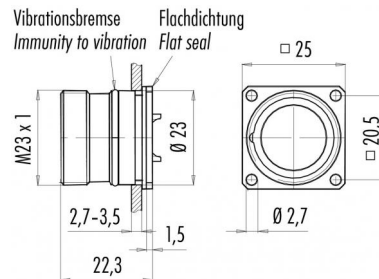
serie 623

Pole 9  
Article number 99 4604 81 09

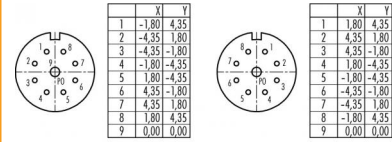
#### illustration



#### scale drawing



#### Contact Arrangement



Bei rechts- und linksdrehenden Ausführungen sind Stift- und Buchsenleisten gegenüberliegend.  
The marking of the clockwise and anticlockwise male and female contacts goes in the opposite direction.

#### Technical data

##### Common values

Connector Design	Female socket
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	8x1,5; 1x2,5 mm <sup>2</sup>
Wire gauge (AWG)	8x16; 1x14
Cable outlet	-
Upper temperature	+125 °C
Lower temperature	-20 °C

##### Electrical values

Rated voltage	300 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	III
Rated current (40 °C)	8x8A/ 1x20A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

##### Material

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

##### Cable data

Contacts 9, female socket, fastened from back side, anticlockwise

