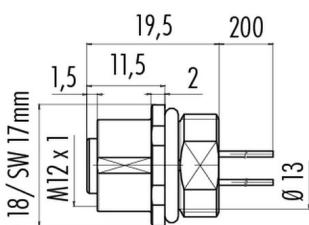


Product Area	Female socket with wires 0,25 mm ² M12 connectors D-Coding	serie 825/876	Pole Article number	4 09 3732 00 04
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illustration

scale drawing


Ausführung mit Zink Druckgussgehäuse
Version with zinc diecasted housing

Technical data
Common values

Connector Design	Female socket
Connector locking system	Screw-locking
Termination	wires
Wire gauge (mm)	0,25 mm ²
Wire gauge (AWG)	24
Max. Cable outlet	-
Upper temperature	+85 °C
Lower temperature	-25 °C

Material

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

Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 67
Mechanical operation	>100 mating cycles

Cable data

material housing	-
insulation single lead	-
single lead structure	-
conductor resistance	-
bending radius cable fixed	-
bending radius cable movable	-

Fixing thread: PG 9, contacts: 4, female socket with wires 0,25 mm²