

Product Area Male socket front fastened, with wires, 0,25 mm<sup>2</sup>  
M12 connectors B-Coding

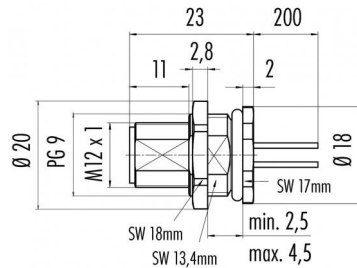
serie 715/766

Pole 4  
Article number 09 4431 116 04

illustration

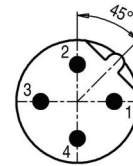


scale drawing



Ausführung mit Zink Druckgussgehäuse  
Version with zinc diecasted housing

Contact Arrangement



- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 gelb/grün/yellow/green

You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male socket
Connector locking system	Screw
Termination	wires
Wire gauge (mm)	0,25 mm <sup>2</sup>
Wire gauge (AWG)	24
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	zinc diecasting, nickel plated, stainless steel 1.4404

Cable data

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

Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP 68
Mechanical operation	>100 mating cycles

Fixing thread: PG 9, contacts: 4, male socket  
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Date: 2014-07-20 - Page 2 of 2

Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz  
With flats as anti-rotation device



Mit Durchgangsbohrung  
With bore hole



	C
PG 9	15,3
M16x1,5	16,1

Anzugsdrehmoment/Tightening moment

Metallgehäuse/Metal housing 6,25 Nm  
Kunststoffgehäuse/Plastic housing 3,75 Nm