

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

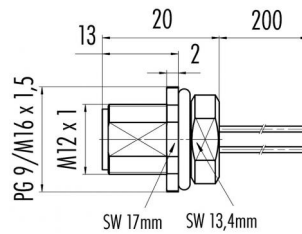
serie 713/763

Pole 8  
Article number 09 3481 700 08

illustration

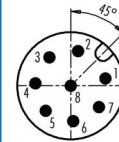


scale drawing



Ausführung mit Zink Druckgussgehäuse  
Version with zinc diecasted housing

Contact Arrangement



geschirmt/ shielded	nicht geschirmt/ not shielded
1 weiß/white	1 weiß/white
2 braun/brown	2 braun/brown
3 grün/green	3 grün/green
4 gelb/yellow	4 gelb/yellow
5 grau/grey	5 grau/grey
6 rosa/pink	6 rosa/pink
7 blau/blue	7 blau/blue
8 Gehäuse-Schirm/ Housing-shield	8 Schirm/shield

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

Cable data

Contacts 8: Male socket with wires, 0,25 mm<sup>2</sup>,  
M16 x 1,5

Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	2 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 68
Mechanical operation	>100 mating cycles



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Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz  
With flats as anti-rotation device

PG 9/M16 x 1,5



Mit Durchgangsbohrung  
With bore hole



Mit Gewinde, einschraubbar  
With thread to screw in



alternativ/alternativ

	A	B	C
PG 9	PG 9	16,2	15,3
PG 13,5	PG 13,5	21,5	20,5
M16x1,5	M16x1,5	17,0	16,1
M20x1,5	M20x1,5	21,0	20,1

Anzugsdrehmoment/Tightening moment

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