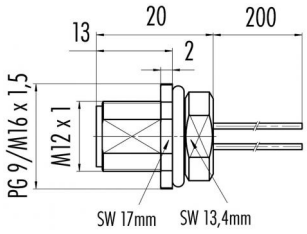
Product	Male socket with wires, 0,25 mm²			Pole	4
Area	M12 connectors B-Coding	serie 715/766		Article number	09 4431 700 04

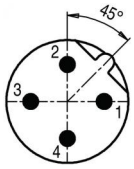
illustration

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/gree*

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 mm²
Wire gauge (AWG)	24
Upper temperature	+85 °C
Lower temperature	-40 °C

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

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	-

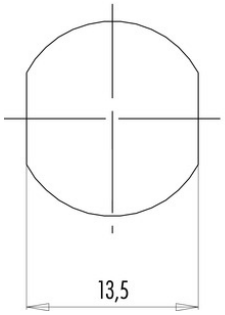
Fixing thread: M16 x 1,5, contacts: 4, male socket with wires, 0,25 mm²

Product	Male socket with wires, 0,25 mm²		Pole	4
Area	M12 connectors B-Coding	serie 715/766	Article number	09 4431 700 04

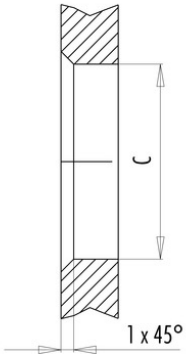
Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz
With flats as anti-rotation device

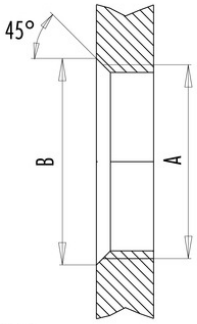
PG 9/M16 x 1,5



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