Product sheet
Automation Technology
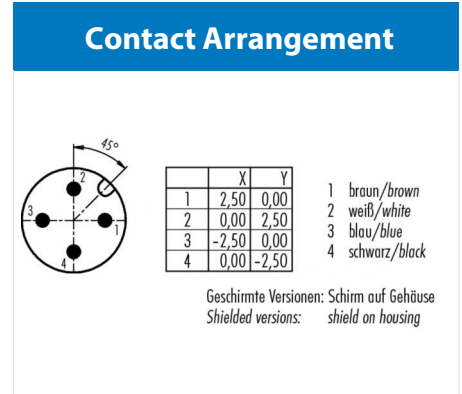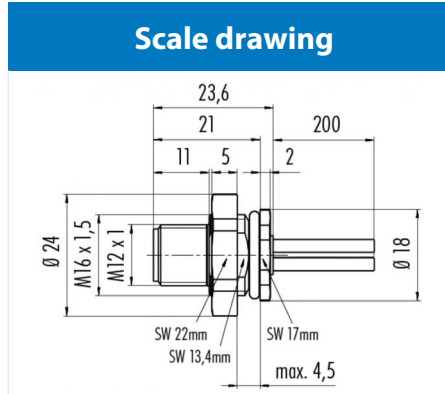
binder

Product	**Polzahl 4: Male panel mount connector, front fastened, with single wires, AWG 16**
Area	**M12-A Series 713/763**
Article number	**76 0631 1015 00004-0200**

Illustration	Scale drawing	Contact Arrangement

You can find the assembly instruction on the next page.

Technical data

General features

Connector Design	male panel mount connector
Connector locking system	bolted
Termination	Strands
Wire gauge (mm)	1,5mm²
Wire gauge (AWG)	16
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	8A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

Material

Material of contact	CuZn (Messing)
Contact plating	Au (gold)
Material of contact body	PA

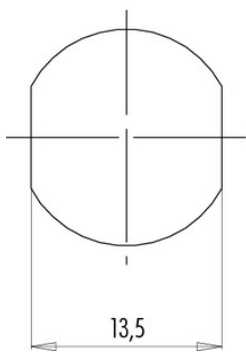# Product sheet

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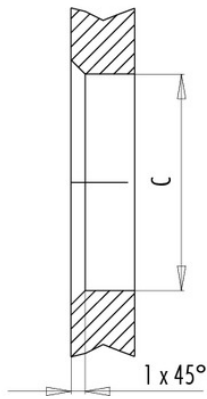|	
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Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz
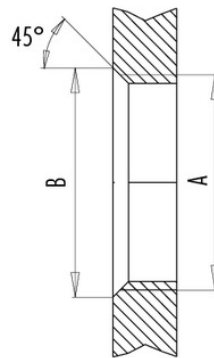*With flats as anti-rotation device*

PG 9/M16 x 1,5

13,5

Mit Durchgangsbohrung
With bore hole

C

1 x 45°

Mit Gewinde, einschraubbar
With thread to screw in

45°

B

A

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