

Product	Contacts 4, male panel mount connector with single wires 0.25 mm², metal housing with fixing thread M20 x 1.5 and PG 13.5	Area	M12-A Series 713/763
Pole	4	Article number	76 0431 0111 00004 0200

Illustration	Scale drawing	Contact Arrangement								
		<table style="margin-left: auto; margin-right: 0;"> <tr> <td>1</td> <td>braun/brown</td> </tr> <tr> <td>2</td> <td>weiß/white</td> </tr> <tr> <td>3</td> <td>blau/blue</td> </tr> <tr> <td>4</td> <td>schwarz/black</td> </tr> </table>	1	braun/brown	2	weiß/white	3	blau/blue	4	schwarz/black
1	braun/brown									
2	weiß/white									
3	blau/blue									
4	schwarz/black									

You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male panel mount connector
Connector locking system	screw
Termination	Single wires
Wire gauge (mm)	0.25 mm ²
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	IP68
Mechanical operation	> 100 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA
Material of housing	Brass, nickel-plated zinc die casting

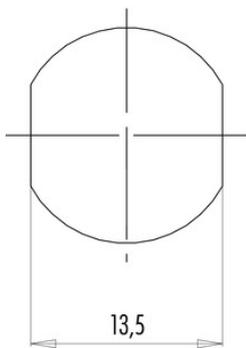
Contacts 4, male panel mount connector with single wires 0.25 mm², metal housing with fixing thread M20 x 1.5

Product	Contacts 4, male panel mount connector with single wires 0.25 mm², metal housing with fixing thread M20 x 1.5 and PG 13.5	Area	M12-A Series 713/763
Pole	4	Article number	76 0431 0111 00004 0200

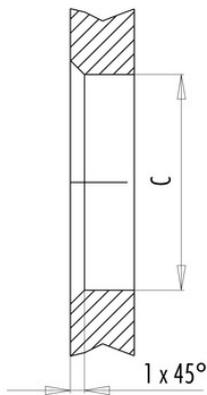
Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz
With flats as anti-rotation device

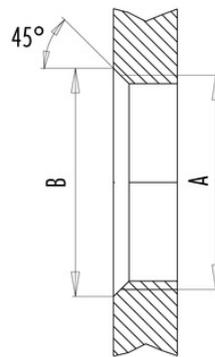
PG 9/M16 x 1,5



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