

Product description	<b>M12-A female panel mount connector, Contacts: 4, not shielded, single wires, IP68, M16x1.5</b>
Area	<b>M12-A series 713</b>
Order number	<b>76 0232 0015 00004-0200</b>

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

You can find the assembly instructions on the next page.

## Technical data

### General values

Connector design	female panel mount connector
Connector locking system	screw
Termination	single wires
Wire gauge (mm)	1.50 mm <sup>2</sup>
Wire gauge (AWG)	16
Upper limit temperature	85 °C
Lower limit temperature	- 40 °C
Customs tariff number	85369121
Packaging Unit	1

### Electrical values

Rated current (40 °C)	8 A
Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Insulation resistance	> 10 <sup>8</sup> Ω
EMC compliance	not shielded
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

### Material

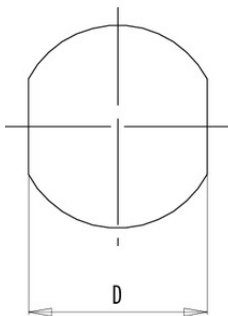
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	Zinc die-cast nickel-plated

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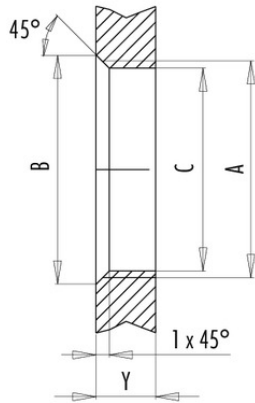
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Assembly instructions / Panel cut-out

Mit Fläche als Verdrehschutz



Mit Durchgangsbohrung



Einbaurichtung:  
O-Ring sitzt an Fase.

Gewinde	Maße			Anzugsdrehmoment	
	B (mm)	C (mm)	D (mm)	Metallgehäuse/ Positioniermutter	Kunststoffgehäuse/ Positioniermutter
PG 9	16,2	15,3	13,5	1,25 Nm	1,25 Nm
PG 11	20,2	18,7	17,0	2 Nm	–
PG 13,5	21,5	20,5	–	2 Nm	–
M12 x 0,5	–	12,1	–	–	0,4 Nm
M12 x 1	–	12,2	–	1 Nm	–
M14 x 1	15,2	14,2	–	1,25 Nm	–
M16 x 1,5	17,0	16,1	13,5	1,25 Nm	1,25 Nm
M20 x 1,5	21,0	20,1	–	2 Nm	1,25 Nm

Ausführung	Gehäusewandstärke Y (mm)	
	min (mm)	max (mm)
Hinterwandmontage	2	3,5
Von vorne verschraubbar	2	4,5
Positionierbar <sup>1)</sup>	2	3,5
Schraubklemmanschluss	2	3,5
Gewinde M12 x 1	2	3,0
Gewinde M14 x 1 <sup>2)</sup>	<sup>3)</sup> 1,5/ <sup>4)</sup> 2	6,5

Hinweise/Notes

- <sup>1)</sup> Keine Fase anbringen
- <sup>2)</sup> Wandstärken:  
bis 1,5 mm Kontermutter  
01-5385 verwenden,  
>1,5 mm Gewinde schneiden
- <sup>3)</sup> Mutter
- <sup>4)</sup> Gewinde in Gehäusewand

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## Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.