

Product description **Polzahl: 8, Einbaustecker für Leiterplattenmontage, gewinkelt, mit UL-Zulassung**  
 Area **M12-A Series 713/763**  
 Order number **99 3481 202 08**

Illustration	Scale drawing	Contact arrangement																											
	<p>Leiterplattendicke: 1,6 mm Thickness of PCB: 1,6 mm</p> <p>Ansicht Bestückungsseite View of mating side</p>	<table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>2,69</td><td>0,57</td></tr> <tr><td>2</td><td>0,57</td><td>2,69</td></tr> <tr><td>3</td><td>-1,66</td><td>2,20</td></tr> <tr><td>4</td><td>-2,75</td><td>0,19</td></tr> <tr><td>5</td><td>-1,94</td><td>-1,94</td></tr> <tr><td>6</td><td>0,19</td><td>-2,74</td></tr> <tr><td>7</td><td>2,20</td><td>-1,65</td></tr> <tr><td>8</td><td>0,00</td><td>0,00</td></tr> </tbody> </table> <p>1 weiß/white 2 braun/brown 3 grün/green 4 gelb/yellow 5 grau/grey 6 rosa/pink 7 blau/blue 8 rot/red</p> <p><small>Geschirmte Versionen: Schirm auf Gehäuse oder Pin 8 Shielded versions: shield on housing or pin 8</small></p>		X	Y	1	2,69	0,57	2	0,57	2,69	3	-1,66	2,20	4	-2,75	0,19	5	-1,94	-1,94	6	0,19	-2,74	7	2,20	-1,65	8	0,00	0,00
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You can find the assembly instructions on the next page.

## Technical data

### General values

Connector design	integrated plug
Connector locking system	bolted
Termination	dip-solder
Upper limit temperature	85 °C
Lower limit temperature	-40 °C

### Cable data

Approval 1	UL
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### Electrical values

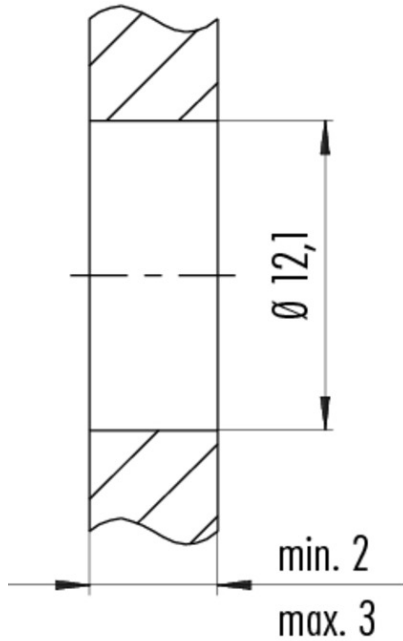
Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	III
Rated current (40 °C)	1,5A (2A UL)
Volume resistivity	≤ 3 mΩ
EMC compliance	not shielded
Degree of protection	IP68
Mechanical operation	> 100 Mating cycles

### Material

Contact material	CuZn (Messing)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Messing vernickelt)

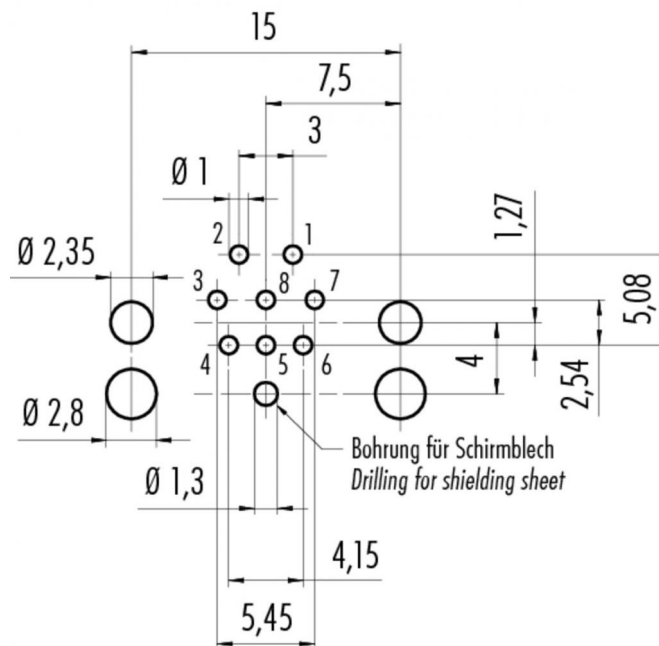
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Assembly instructions / Panel cut-out



Anzugsdrehmoment/Tightening torque  
 M12 x 1      6,25 Nm

Assembly instructions / Panel cut-out



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## Sicherheitshinweise

2. 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.
6. 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.