

Product	<b>Contacts: 8, male panel mount connector, front mounting, with single wires</b>	Area	<b>M8 Series 768/718</b>
Pole	<b>8</b>	Article number	<b>09 3427 86 08</b>

Illustration	Scale drawing	Contact Arrangement																																				
	<table border="1" style="font-size: small;"> <thead> <tr> <th>Größenbezeichnung / Size</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>M8 x 1</td> <td>8.1</td> <td>2.0</td> <td>4.5</td> <td>21</td> </tr> <tr> <td>M8 x 0.35</td> <td>10.1</td> <td>2.0</td> <td>4.5</td> <td>21</td> </tr> <tr> <td>M8 x 1</td> <td>12.1</td> <td>2.5</td> <td>4.5</td> <td>16.5</td> </tr> </tbody> </table> <p style="font-size: x-small;">Anzugsdrehmoment / Tightening moment 1 Nm</p>	Größenbezeichnung / Size	A	B	C	D	M8 x 1	8.1	2.0	4.5	21	M8 x 0.35	10.1	2.0	4.5	21	M8 x 1	12.1	2.5	4.5	16.5	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>weiß/white</td> </tr> <tr> <td>2</td> <td>braun/brown</td> </tr> <tr> <td>3</td> <td>grün/green</td> </tr> <tr> <td>4</td> <td>gelb/yellow</td> </tr> <tr> <td>5</td> <td>grau/grey</td> </tr> <tr> <td>6</td> <td>rosa/pink</td> </tr> <tr> <td>7</td> <td>blau/blue</td> </tr> <tr> <td>8</td> <td>rot/red</td> </tr> </table>	1	weiß/white	2	braun/brown	3	grün/green	4	gelb/yellow	5	grau/grey	6	rosa/pink	7	blau/blue	8	rot/red
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## Technical data

### Common values

Connector Design	Male panel mount connector
Connector locking system	screw
Termination	Single wires 0.14
Wire gauge (mm)	0.25 mm <sup>2</sup>
Wire gauge (AWG)	24
Upper temperature	85 °C
Lower temperature	-40 °C

### Electrical values

Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	1.5 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA (UL 94 HB)
Material of housing	Nickel-plated zinc die casting

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