

Product	Contacts 4: Connecting cord, cable plug connector, M8x1-female angled connector, M12x1, 4x0.25 PUR	Area	Connecting cords Series 765
Pole	4	Article number	79 5077 10 04

Illustration	Scale drawing	Contact Arrangement
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Stifteinsatz M8 <i>Male insert M8</i></p> </div> <div style="text-align: center;"> <p>Buchseinsatz M12 <i>Female insert M12</i></p> </div> </div> <div style="margin-top: 10px;"> <p>1 braun/brown 2 weiß/white 3 blau/blue 4 schwarz/black</p> </div>

Technical data

<h3 style="color: #0070C0; margin: 0;">Common values</h3> <table border="0"> <tr> <td style="width: 50%;">Connector Design</td> <td>Connecting cord</td> </tr> <tr> <td>Connector locking system</td> <td>screw</td> </tr> <tr> <td>Termination</td> <td>crimp, injection-moulded cable</td> </tr> <tr> <td>Wire gauge (mm)</td> <td>0.25 mm²</td> </tr> <tr> <td>Wire gauge (AWG)</td> <td>24</td> </tr> <tr> <td>Upper temperature</td> <td>85 °C</td> </tr> <tr> <td>Lower temperature</td> <td>-25 °C</td> </tr> </table>	Connector Design	Connecting cord	Connector locking system	screw	Termination	crimp, injection-moulded cable	Wire gauge (mm)	0.25 mm ²	Wire gauge (AWG)	24	Upper temperature	85 °C	Lower temperature	-25 °C	<h3 style="color: #0070C0; margin: 0;">Electrical values</h3> <table border="0"> <tr> <td style="width: 50%;">Rated voltage</td> <td>30 V</td> </tr> <tr> <td>Rated impulse voltage</td> <td>800 V</td> </tr> <tr> <td>Pollution degree</td> <td>3</td> </tr> <tr> <td>Overvoltage category</td> <td>II</td> </tr> <tr> <td>Material group</td> <td>II</td> </tr> <tr> <td>Rated current (40°C)</td> <td>4 A</td> </tr> <tr> <td>Volume resistivity</td> <td>≤ 3 mΩ</td> </tr> <tr> <td>EMV compliance</td> <td>nicht geschirmt</td> </tr> <tr> <td>Degree of protection</td> <td>IP67</td> </tr> <tr> <td>Mechanical operation</td> <td>> 100 mating cycles</td> </tr> </table>	Rated voltage	30 V	Rated impulse voltage	800 V	Pollution degree	3	Overvoltage category	II	Material group	II	Rated current (40°C)	4 A	Volume resistivity	≤ 3 mΩ	EMV compliance	nicht geschirmt	Degree of protection	IP67	Mechanical operation	> 100 mating cycles	<h3 style="color: #0070C0; margin: 0;">Material</h3> <table border="0"> <tr> <td style="width: 50%;">Material of contact</td> <td>Pin/ CuZn (brass), socket/ CuSn (bronze)</td> </tr> <tr> <td>Contact plating</td> <td>Au (Gold)</td> </tr> <tr> <td>Material of contact body</td> <td>PUR</td> </tr> <tr> <td>Material of housing</td> <td>PUR</td> </tr> </table>	Material of contact	Pin/ CuZn (brass), socket/ CuSn (bronze)	Contact plating	Au (Gold)	Material of contact body	PUR	Material of housing	PUR
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