

Product	Contacts 5: Cable plug connector M12 1 - female cable connector M12 x 1, 5 x 0.25 PUR	Area	Connecting cords Series 765
Pole	5	Article number	79 5002 10 05

Illustration	Scale drawing	Contact Arrangement										
		<div style="display: flex; justify-content: space-around;"> <div> <p>Stifteinsatz M12 <i>Male insert M12</i></p> </div> <div> <p>Buchseinsatz M12 <i>Female insert M12</i></p> </div> </div> <div style="margin-top: 10px;"> <table border="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> <tr><td>5</td><td>grau/grey</td></tr> </table> </div>	1	braun/brown	2	weiß/white	3	blau/blue	4	schwarz/black	5	grau/grey
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Technical data

Common values

Connector Design	Cable plug connector - female cable connector
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

Electrical values

Rated voltage	60 V
Rated impulse voltage	1500 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	IP68
Mechanical operation	> 100 mating cycles

Material

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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