

Product	<b>Contacts 3: Cable plug connector M12x1 - female cable connector M12 x 1, 3 x 0.34 PUR</b>	Area	<b>Connecting cords Series 765</b>
Pole	<b>3</b>	Article number	<b>79 5000 10 04</b>

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

## Technical data

### Common values

Connector Design	Cable plug connector - female cable connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.34 mm <sup>2</sup>
Wire gauge (AWG)	22
Upper temperature	85 °C
Lower temperature	-25 °C

### Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 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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