

Product	Contacts 3: Cable plug connector M12x1 - female cable connector M12 x 1, 3 x 0.34 PUR	Area	Connecting cords Series 765
Pole	3	Article number	79 5000 20 04

Illustration	Scale drawing	Contact Arrangement
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Stifteinsatz M12 <i>Male insert M12</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 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 ²
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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