

Product	Contacts 3: Cable plug connector, overmoulded, M5 x 0.5	Area	M5 Series 707
Pole	3	Article number	79 3101 55 03

Illustration	Scale drawing	Contact Arrangement															
	<p>¹⁾ D = 6 mm, Typen 3 und 4 x 0,14 mm²; 3 x 0,25 D = 6,5 mm, Typ 4 x 0,25 mm²</p>	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-0,63</td> <td>-0,63</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>0,63</td> <td>0,63</td> </tr> <tr> <td>4</td> <td>-0,63</td> <td>0,63</td> </tr> </tbody> </table> <p>1 braun/brown 2 nicht konfektioniert/not assembled 3 blau/blue 4 schwarz/black</p>		X	Y	1	-0,63	-0,63	2	-	-	3	0,63	0,63	4	-0,63	0,63
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1	-0,63	-0,63															
2	-	-															
3	0,63	0,63															
4	-0,63	0,63															

Technical data

Common values

Connector Design	Cable plug connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.14 mm ²
Wire gauge (AWG)	26
Cable outlet	-
Upper temperature	80 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PVC
Single lead structure	18 x 0.1
Cable sheath Ø	3.1
Conductor resistance	148Ω/Km
Temperature range cable movable c from	-5
Temperature range cable movable c to	80
Temperature range cable fixed c from	-25
Temperature range cable fixed c to	80

Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	I
Rated current (40°C)	1 A
Volume resistivity	≤ 3 mΩ
EMV compliance	nicht geschirmt
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR
Material of housing	PUR

Contacts 3: Cable length: 5, Cable: 3 x 0.14 mm² PUR, cable plug connector, overmoulded, M5 x 0.5