

Product	<b>Contacts: 3, Female cable connector, overmoulded, M5x0.5</b>	Area	<b>M5 Series 707</b>
Pole	<b>3</b>	Article number	<b>79 3102 52 03</b>

Illustration	Scale drawing	Contact Arrangement															
	<p><sup>1)</sup>D = 6 mm, Typen 3 und 4 x 0,14 mm<sup>2</sup>; 3 x 0 D = 6,5 mm, Typ 4 x 0,25 mm<sup>2</sup></p>	<table border="1" style="margin: 10px auto;"> <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
	X	Y															
1	0,63	-0,63															
2	-	-															
3	-0,63	0,63															
4	0,63	0,63															

## Technical data

### Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.14 mm <sup>2</sup>
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	not shielded
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

### Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PUR
Material of housing	PUR

Contacts 3: Cable length: 2, Cable: 3 x 0.14 mm<sup>2</sup> PUR, female cable connector, overmoulded, M5 x 0.5