

Product description	M5 female cable connector, Contacts: 4, unshielded, moulded on cable, IP67, M5x0.5, PUR black, 4 x 0.14 mm <sup>2</sup>
Area	M5 series 707
Order number	79 3108 52 04

Illustration	Scale drawing	Contact arrangement (Plug-in side)								
		<table style="margin-left: auto; margin-right: auto;"> <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> </table>	1	braun/brown	2	weiß/white	3	blau/blue	4	schwarz/black
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## Technical data

### General features

Order number	79 3108 52 04
Connector design	female cable connector
Cable length	2 m
Version	connector female straight
Connector locking system	screw
Termination	moulded on cable
Degree of protection	IP67
Cross-sectional area	0.14 mm <sup>2</sup> / AWG 26
Temperature range from/to	-25 °C / 80 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	36
Customs tariff number	85444290

### Electrical parameters

Rated voltage	60 V
Rated impulse voltage	800 V
Rated current (40 °C)	1 A
Insulation resistance	> 10 <sup>8</sup> Ω
Pollution degree	3
Overvoltage category	II
Insulating material group	I
EMC compliance	unshielded

### Material

Housing material	PUR
Contact body material	PUR
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Locking material	CuZn (Brass nicke,l plated)
REACH SVHC	CAS 7439-92-1 (Lead)

### Classifications

eCl@ss 11.1	27-06-03-11
ETIM 7.0	EC001855

### Cable data

Cable diameter	3.5 mm
Sheath material	PUR
Single-lead insulation	PVC
Single-lead structure	18x0.1 mm
Cable color	black
Conductor resistance	148
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø
Bending cycles	>2Mio.
Permitted acceleration	5 m/s <sup>2</sup> +1 m/s <sup>2</sup>
Travel distance, horizontal	5 m/sec <sup>2</sup> -> 5m
Travel distance, vertical	5 m/sec <sup>2</sup> -> 5m
Travel speed	at 5m horizontal path. -> 200 m / min
Temperature range cable in move from/to	-5°C / +80°C
Temperature range cable fixed from/to	-25°C / +80°C
Halogen free	No

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## Security notices

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 50 cNm).