

Product sheet

Subminiature connector



Product	Contacts: 5, female cable connector overmoulded, unshielded	Area	M9 IP67 Series 702
Pole	5	Article number	79 1456 212 05

Illustration	Scale drawing	Contact Arrangement										
		<table style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>weiß/white</td> </tr> <tr> <td>2</td> <td>braun/brown</td> </tr> <tr> <td>3</td> <td>schwarz/black</td> </tr> <tr> <td>4</td> <td>blau/blue</td> </tr> <tr> <td>5</td> <td>grau/grey</td> </tr> </table>	1	weiß/white	2	braun/brown	3	schwarz/black	4	blau/blue	5	grau/grey
1	weiß/white											
2	braun/brown											
3	schwarz/black											
4	blau/blue											
5	grau/grey											

Technical data

Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	overmoulded on cable
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Cable outlet	-
Upper temperature	70 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PVC
Single lead structure	32 x 0.1 mm
Cable sheath Ø	5
Conductor resistance	72Ω/Km
Temperature range cable movable c from	-5
Temperature range cable movable c to	70
Temperature range cable fixed c from	-25
Temperature range cable fixed c to	70
Bending radius cable fixed	Min. 25 mm
Bending radius cable movable	Min. 50 mm

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	1
Overvoltage category	II
Material group	III
Rated current (40°C)	3 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PBT (UL 94 V-0)
Material of housing	PUR

Contacts: 5, female cable connector overmoulded, unshielded, cable length 2 m