

Product sheet

Subminiature connector



Product	Contacts: 5, cable plug connector overmoulded, unshielded	Area	M9 IP67 Series 702
Pole	5	Article number	79 1455 212 05

Illustration	Scale drawing	Contact Arrangement										
		<table border="0"> <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
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Technical data

Common values

Connector Design	Cable plug 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	nicht geschirmt
Degree of protection	IP67
Mechanical operation	> 500 mating cycles

Material

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

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