

Product	Contacts: 5, female cable connector overmoulded	Area	M12-A Series 763
Pole	5	Article number	77 3430 0000 20005-0200

Illustration	Scale drawing	Contact Arrangement										
		<table border="0" 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> <tr><td>5</td><td>grau/grey</td></tr> </table>	1	braun/brown	2	weiß/white	3	blau/blue	4	schwarz/black	5	grau/grey
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Technical data

Common values

Connector Design	Female cable connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.25 mm ²
Wire gauge (AWG)	24
Upper temperature	85 °C
Lower temperature	-25 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	14 x 0.16
Cable sheath Ø	5
Conductor resistance	79.9Ω/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

Electrical values

Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP68
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: 5, Cable length 2 m, cable: 5 x 0.25 mm², PVC, female cable connector, overmoulded