

Product	Contacts: 3, Female angled connector, overmoulded, with LED PNP NOC	Area	M12-A Series 763
Pole	3	Article number	77 3634 0000 50003-0200

Illustration	Scale drawing	Contact Arrangement						
		<table border="0"> <tr> <td>1</td> <td>braun/brown</td> </tr> <tr> <td>3</td> <td>blau/blue</td> </tr> <tr> <td>4</td> <td>schwarz/black</td> </tr> </table>	1	braun/brown	3	blau/blue	4	schwarz/black
1	braun/brown							
3	blau/blue							
4	schwarz/black							

Technical data

Common values

Connector Design	Female angled connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.34 mm ²
Wire gauge (AWG)	22
Upper temperature	85 °C
Lower temperature	-25 °C

Cable data

material housing	PUR
Insulation single lead	PVC
Single lead structure	42 x 0.1
Cable sheath Ø	4.5
Conductor resistance	55Ω/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	22 mm
Bending radius cable movable	45 mm

Electrical values

Rated voltage	36 V
Rated impulse voltage	500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	nicht geschirmt
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: 3, Cable length 2 m, cable: 3 x 0.34 mm², PUR, female angled connector, overmoulded, with LED PNP NOC