

Product	Contacts: 4, Female angled connector overmoulded, 4	Area	M12-A Series 763
Pole		Article number	77 3434 0000 50004-0200

Illustration	Scale drawing	Contact Arrangement
		<div style="margin-left: 20px;"> <p>1 braun/brown 2 weiß/white 3 blau/blue 4 schwarz/black</p> </div>

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	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	25 mm
Bending radius cable movable	50 mm

Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 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	IP67
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: 4, Cable length 2 m, cable: 4 x 0.34 mm², PUR, female angled connector, overmoulded