

Product	Contacts: 3, Male angled connector overmoulded	Area	M12-A Series 763
Pole	3	Article number	77 3427 0000 50003-0500

Illustration	Scale drawing	Contact Arrangement
		<p> 1 braun/brown 3 blau/blue 4 schwarz/black </p>

Technical data

Common values

Connector Design	Male 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	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	IP68
Mechanical operation	> 100 mating cycles

Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR
Material of housing	PUR

Contacts: 3, Cable length 5 m, cable: 3 x 0.34 mm², PUR, male angled connector, overmoulded