

Product
Pole

Contacts: 3, Cable plug connector, overmoulded, shielded
3

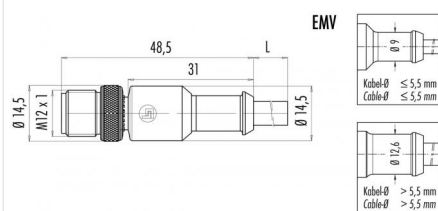
Area
Article number

M12-A Series 763
77 3529 0000 50703-0500

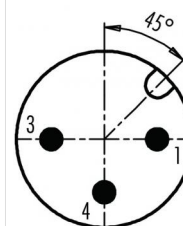
Illustration



Scale drawing

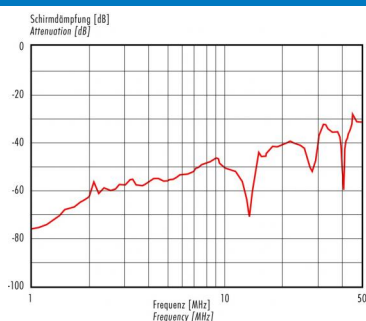


Contact Arrangement



- 1 braun/brown
- 3 blau/blue
- 4 schwarz/black

Attenuation characteristic



Technical data

Common values

Connector Design	Cable plug 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

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	geschirmt
Degree of protection	IP67
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, cable plug connector, overmoulded, shielded

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Technical data

Cable data

material housing	PUR
Insulation single lead	PUR
Single lead structure	7 x 0.25
Cable sheath Ø	5
Conductor resistance	53Ω/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