

Product
Pole

**Contacts: 3, Female cable connector
overmoulded, stainless steel threaded ring
3**

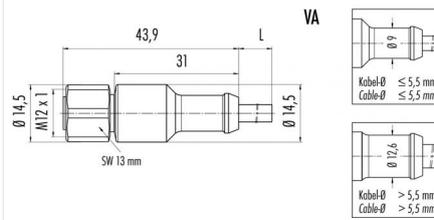
Area
Article number

**M12-A Series 763
77 3730 0000 50004-0200**

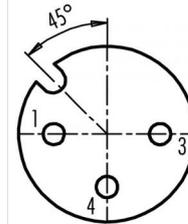
Illustration



Scale drawing

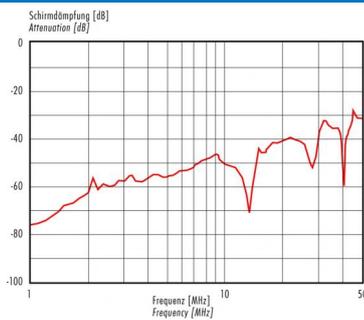


Contact Arrangement



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

Attenuation characteristic



Technical data

Common values

Connector Design	Female cable 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	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: 4, Cable length 2 m, cable: 4 x 0.34 mm², PUR, female cable connector, overmoulded, stainless steel threaded ring

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Technical data

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