Product sheet

Automation technology



Product

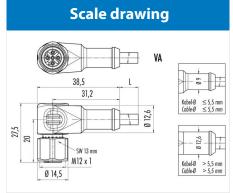
Contacts: 3, Female angled connector overmoulded, stainless steel threaded ring

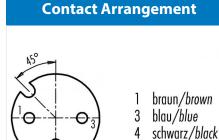
Area Article number M12-A Series 763 77 3734 0000 50003-0500

Pole

3

Illustration





Technical data

Common values

Connector Design Female angled connector
Connector locking system screw
Termination crimp, injection-moulded cable
Wire gauge (mm) 0.34 mm²
Wire gauge (AWG) 22
Upper temperature 85 °C
Lower temperature -25 °C

Cable data

material housing PUR PVC Insulation single lead Single lead structure 42 x 0.1 Cable sheath Ø 550/Km Conductor resistance 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 Overvoltage category П Material group Ш Rated current (40°C) 4 A $\leq 3 \, m\Omega$ Volume resistivity 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 5 m, cable: $3 \times 0.34 \text{ mm}^2$, PUR, female angled connector, overmoulded, stainless steel threaded ring