Product sheet

Automation technology



Product

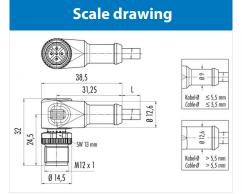
Pole

Contacts: 4, Male angled connector overmoulded

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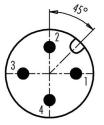
Area Article number M12-A Series 763 77 3427 0000 50004-0200

Illustration



450

Contact Arrangement



- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black

Technical data

Common values

Connector Design

Connector locking system

Termination

Wire gauge (mm)

Wire gauge (AWG)

Upper temperature

Lower temperature

Male angled connector

screw

crimp, injection-moulded cable

22

22

24

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 Volume resistivity $\leq 3 \, m\Omega$ EMV compliance nicht geschirmt Degree of protection IP68 Mechanical operation > 100 mating cycles

Material

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

Contacts: 4, Cable length 2 m, cable: 4 x 0.34 mm², PUR, male angled connector, overmoulded