Product sheet

Pole

Automation technology



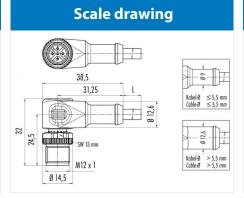
Product Contacts: 5, Male angled connector

overmoulded

5

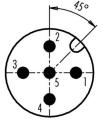
Area Article number M12-A Series 763 77 3427 0000 50005-0200

Illustration



450

Contact Arrangement



- l braun/*brown*
- weiß/white
- 3 blau/blue

2

- 4 schwarz/black
- 5 grau/grey

Technical data

Common values

Connector Design Male angled connector
Connector locking system screw
Termination crimp, injection-moulded cable
Wire gauge (mm) 0.25 mm²
Wire gauge (AWG) 24
Upper temperature 85 °C
Lower temperature -25 °C

Cable data

material housing PUR PVC Insulation single lead Single lead structure 32 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 125 V Rated impulse voltage 1500 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
 CuZn (Brass)

 Contact plating
 Au (Gold)

 Material of contact body
 PUR

 Material of housing
 PUR

Contacts: 5, Cable length 2 m, cable: 5 x 0.25 mm², PUR, male angled connector, overmoulded