Product sheet

Pole

Automation technology



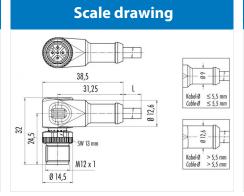
Product Contacts: 3, Male angled connector

overmoulded

3

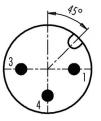
Area Article number M12-A Series 763 77 3427 0000 20003-0500

Illustration



As a

Contact Arrangement



- I braun/*brown*
- 3 blau/blue
- 4 schwarz/black

Technical data

Common values

Connector Design Male 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 PVC PVC Insulation single lead Single lead structure 7 x 0.25 Cable sheath Ø 4.5 Conductor resistance 580/Km Temperature range cable movable c from Temperature range cable movable c to 70 Temperature range cable fixed c from -25 Temperature range cable fixed c to

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
 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, PVC, male angled connector, overmoulded