Product sheet

Pole

Automation technology

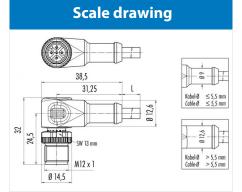


Product Contacts: 3, Male angled connector

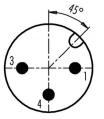
overmoulded

Area Article number M12-A Series 763 77 3427 0000 50003-0200

Illustration



Contact Arrangement



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

Technical data

Common values

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

Cable data

material housing PVC Insulation single lead Single lead structure 42 x 0.1 Cable sheath Ø 4.5 Conductor resistance 550/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 70 Bending radius cable fixed 22 mm Bending radius cable movable 45 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

Au (Gold) **PUR** PUR

CuZn (Brass)

Contacts: 3, Cable length 2 m, cable: 3 x 0.34 mm², PUR, male angled connector, overmoulded