Product sheet

Automation technology



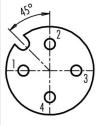
Product Pole Contacts: 4, female cable connector overmoulded

4

Area Article number M12-A Series 763 77 3430 0000 50004-0500



Contact Arrangement



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

Technical data

Common values

Connector Design Female cable 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 PUR 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 not shielded Degree of protection IP68 Mechanical operation > 100 mating cycles

Material

Material of contact Contact plating Material of contact body Material of housing CuSn (Bronze) Au (Gold) PUR PUR

Contacts: 4, Cable length 5 m, cable: 4 x 0.34 mm², PUR, female cable connector, overmoulded