Product sheet

Automation technology



Product

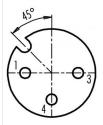
Pole

Contacts: 3, female cable connector overmoulded

Area Article number M12-A Series 763 77 3430 0000 50003-0500



Contact Arrangement



- braun/brown
- 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 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 П 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: 3, Cable length 5 m, cable: 3 x 0.34 mm², PUR, female cable connector, overmoulded