#### **Product sheet**

# **Automation technology**



Product Contacts: 3, Female angled connector,

overmoulded, with LED PNP NOC, VA

threaded lock

Pole

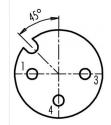
Area Article number M12-A Series 763 77 3834 0000 50003-0200

## Illustration



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# **Contact Arrangement**



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

# **Technical data**

#### **Common values**

Connector Design Female 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
Insulation single lead
Single lead structure
Cable sheath Ø
Conductor resistance
Temperature range cable movable c from
Temperature range cable movable c to
Temperature range cable fixed c from
Temperature range cable fixed c to
Bending radius cable fixed
Bending radius cable movable
Approval

PUR PP 42 x 0.1 4.6 60Ω/Km (20°C) -25 90 -50 80 min. 10 x D min. 5 x D

UL, CSA

# **Electrical values**

Rated voltage Rated impulse voltage 500 V Pollution degree Overvoltage category Ш Material group Ш Rated current (40°C) 4 A Volume resistivity  $\leq$  3 m $\Omega$ EMV compliance nicht geschirmt Degree of protection 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 2 m, cable:  $3 \times 0.34 \text{ mm}^2$ , PUR, female angled connector, overmoulded, with LED PNP NOC, VA threaded lock