### **Product sheet**

# **Automation technology**



Product

Pole

Contacts: 5, Cable plug connector, CAN bus, with UL approval

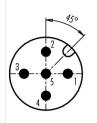
Area Article number

M12-A Series 763 77 2529 0000 50705-0200



# **Scale drawing** 31 48,4

# **Contact Arrangement**



- Schirm/shield
- rot/red (AWG22)
- 3 schwarz/black (AWG22)
  - weiß/white (AWG24)
- 4 blau/blue (AWG24)

# **Technical data**

### **Common values**

Connector Design Connector locking system Termination Wire gauge (mm) Wire gauge (AWG) Upper temperature Lower temperature

#### **Cable data**

material housing Insulation single lead Single lead structure Cable sheath Ø Conductor resistance Approval

Cable plug connector crimp, injection-moulded cable 1 x 2 x AWG 22/ 1 x 2 x AWG 24 1 x 2 x AWG 22/ 1 x 2 x AWG 24 85 °C

Polyolefin 19x0.16/19x0.13

7.2

-25 °C

UL style: UL 1581, UL 444

## **Electrical values**

Rated voltage 60 V Rated impulse voltage 1500 V Pollution degree Overvoltage category П Material group Ш Rated current (40°C) 4 A  $\leq 3~m\Omega$ Volume resistivity EMV compliance shielded Degree of protection IP67 Mechanical operation > 100 mating cycles

#### **Material**

Material of contact Contact plating Material of contact body Material of housing

CuZn (Brass) Au (Gold) **PUR** PUR

Contacts: 5, Cable length 2 m, cable plug connector, CAN bus, with UL approval