### **Product sheet**

# Automation technology - Speciality connectors



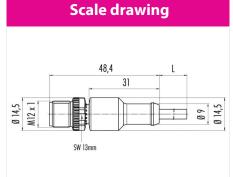
Product

Contacts: 4, Cable: 4 x 0.5 mm², PUR, cable plug connector, overmoulded

Area Article number M12-B Series 766 77 4429 0000 50004-0500

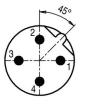
Pole

# Illustration





**Contact Arrangement** 



- braun/brown 2 weiß/white
- blau/blue
- gelb/grün/yellow/greer

# **Technical data**

### **Common values**

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

Cable plug connector

20 85 °C

### **Cable data**

material housing PUR PVC Insulation single lead Single lead structure 63 x 0.1 mm Cable sheath Ø 5.7 39 Ω/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 28 mm Bending radius cable movable 45 mm Cable diameter 5.7

crimp, injection-moulded cable 0.50 mm<sup>2</sup>

-25 °C

### **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  $\leq 3 \, m\Omega$ Volume resistivity 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

CuZn (Brass) Au (Gold) PUR PUR

Cable length: 4 x 0.5 mm<sup>2</sup>, Contacts: 4, Cable plug connector overmoulded, cable length 5 m