Product sheet

Automation technology - Speciality connectors



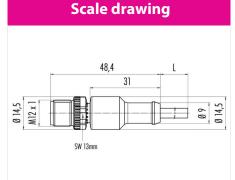
Product

Contacts: 5, Cable: 5 x 0.5 mm², PUR, cable plug connector, overmoulded

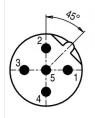
Area Article number M12-B Series 766 77 4429 0000 50005-0500

Pole

Illustration



Contact Arrangement



- braun/brown
- weiß/white
- 3 blau/blue
- 4 schwarz/black
- 5 gelb/grün/yellow/gre

Technical data

Common values

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

0.50 mm²

20 85 °C

Cable data

Lower temperature

material housing PUR PVC Insulation single lead Single lead structure 63 x 0.1 mm Cable sheath Ø 5.7 39 O/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

Cable plug connector crimp, injection-moulded cable

-25 °C

Electrical values

Rated voltage 125 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 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: 5 x 0.5 mm², Contacts: 5, Cable plug connector overmoulded, cable length 5 m