Product sheet

Automation technology



Product

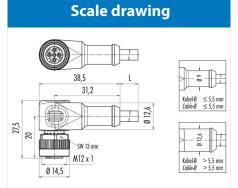
Pole

Contacts: 5, Female angled connector

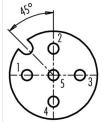
overmoulded

Area Article number M12-A Series 763 77 3434 0000 20005-0500

Illustration



Contact Arrangement



- braun/brown
- weiß/white

2

- blau/blue
- 3 schwarz/black
- grau/grey

Technical data

Common values

Connector Design Female angled connector Connector locking system Termination Wire gauge (mm) 0.25 mm² Wire gauge (AWG) 24 85 °C Upper temperature -25 °C Lower temperature

crimp, injection-moulded cable

Cable data

material housing PVC PVC Insulation single lead Single lead structure 14 x 0.16 Cable sheath Ø 79.90/Km Conductor resistance 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

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 Volume resistivity $\leq 3 \, m\Omega$ EMV compliance nicht geschirmt Degree of protection IP67 Mechanical operation > 100 mating cycles

Material

Material of contact CuSn (Bronze) Contact plating Au (Gold) Material of contact body **PUR** Material of housing PUR

Contacts: 5, Cable length 5 m, cable: 5 x 0.25 mm², PVC, female angled connector, overmoulded