Product sheet Automation technology



Product Pole

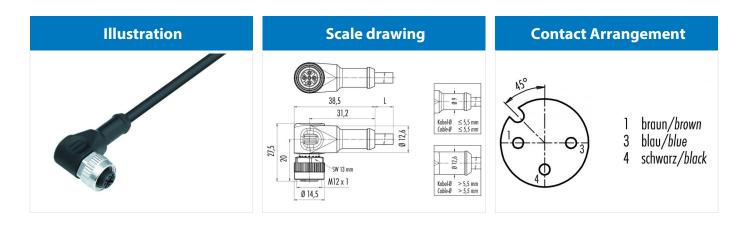
overmoulded

3

Contacts: 3, Female angled connector

Area Article number

M12-A Series 763 77 3434 0000 20003-0500



Technical data

Common values

Connector Design Connector locking system screw Termination Wire gauge (mm) 0.34 mm² Wire gauge (AWG) 22 85 °C Upper temperature -25 °C Lower temperature

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	7 x 0.25
Cable sheath Ø	4.5
Conductor resistance	58Ω/Km
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

Female angled connector crimp, injection-moulded cable

Electrical values

Rated voltage Rated impulse voltage Pollution degree Overvoltage category Material group Rated current (40°C) Volume resistivity EMV compliance Degree of protection Mechanical operation

Material

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

250 V 2500 V 3 Ш Ш 4 A $\leq 3 \text{ m}\Omega$ nicht geschirmt IP67 > 100 mating cycles

CuSn (Bronze) Au (Gold) PUR PUR

Contacts: 3, Cable length 5 m, cable: 3 x 0.34 mm², PVC, female angled connector, overmoulded