Product sheet Automation technology



Product Pole

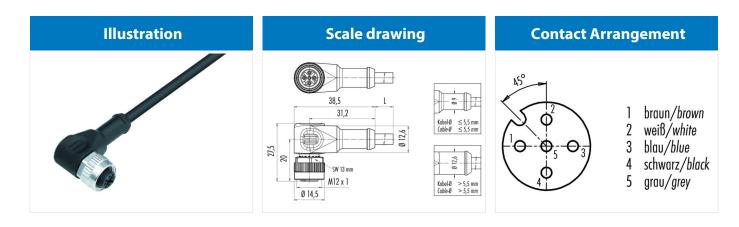
overmoulded

5

Contacts: 5, Female angled connector

Area Article number

M12-A Series 763 77 3434 0000 50005-0500



Technical data

Common values

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

Cable data

material housing	PUR
Insulation single lead	PVC
Single lead structure	32 x 0.1
Cable sheath Ø	5
Conductor resistance	55Ω/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
Bending radius cable fixed	25 mm
Bending radius cable movable	50 mm

Female angled connector screw crimp, injection-moulded cable 0.25 mm² 24 85 °C -25 °C

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

125 V 1500 V 3 Ш Ш 4 A $\leq 3 \text{ m}\Omega$ nicht geschirmt IP67 > 100 mating cycles

CuSn (Bronze) Au (Gold) PUR PUR

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