# **Product sheet** Automation technology



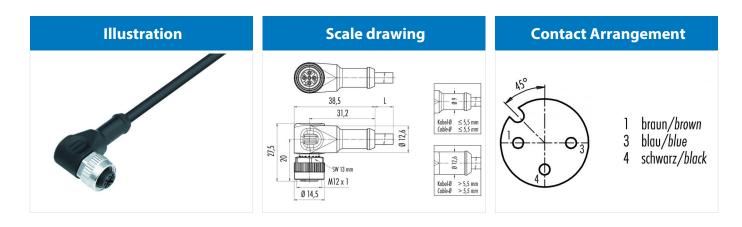
Product Pole

**Contacts: 3, Female angled connector** overmoulded

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Area Article number

M12-A Series 763 77 3434 0000 50003-0200



# **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	42 x 0.1
Cable sheath Ø	4.5
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	22 mm
Bending radius cable movable	45 mm

Female angled connector screw crimp, injection-moulded cable 0.34 mm<sup>2</sup> 22 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

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 2 m, cable: 3 x 0.34 mm<sup>2</sup>, PUR, female angled connector, overmoulded