Product sheet

Automation Technology

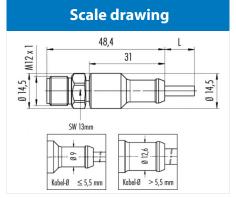


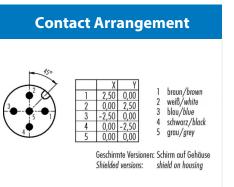
Product male cable connector, overmoulded, stainless steel, PVC cable

Area M12-A Series 763 FOOD & BEVERAGE

Article number 77 3729 0000 20405-0500

Illustration





Technical data

General features

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

Cable Connector
bolted
crimp, overmoulded on cable
22
Upper temperature
105 °C
Lower temperature
-40 °C

Cable data

material housing PVC Insulation single lead PVC Single lead structure 32x0.1 Cable sheath Ø 4.8 Conductor resistance 79 Ω/Km (20°C) Temperature range cable movable °C from Temperature range cable movable °C to 105 Temperature range cable fixed °C from -40 Temperature range cable fixed °C to 105 Bending radius cable fixed min. 5 x D Bending radius cable movable min. 10 x D UL listed Approval 1 Approval 2 Fcolab

Electrical parameters

Rated voltage 60 V Rated impulse voltage 1500 V Pollution degree Overvoltage category П Material group Ш Rated current (40°C) 4 A Volume resistivity $\leq 3 \, \text{m}\Omega$ EMV compliance not shielded Degree of protection IP69K Mechanical operation > 100 Mating cycles

Material

Material of contact CuSn (Bronze)
Contact plating Au (gold)
Material of contact body PP
Material of housing PP