### **Product sheet**

# **Automation Technology**

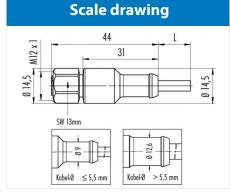


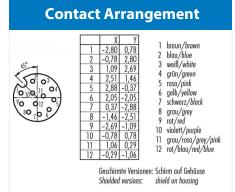
Product female cable connector, overmoulded, stainless steel, PVC cable

Area M12-A Series 763 FOOD & BEVERAGE

Article number 77 3730 0000 20912-0200

# Illustration





# **Technical data**

### **General features**

Connector Design
Connector Iocking system
Termination
Wire gauge (mm)
Urgauge (AWG)
Upper temperature
Cable Connector
Screw
crimp, overmoulded on cable
0,25
24
Upper temperature
105 °C

-40 °C

### **Cable data**

Lower temperature

material housing PVC Insulation single lead PVC Single lead structure 32 x 0.1 Cable sheath Ø 66 Conductor resistance 75 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 30 V Rated impulse voltage 800 V Pollution degree Overvoltage category Ш Material group П Rated current (40°C) 1,5 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