#### **Product sheet**

# **Automation Technology**

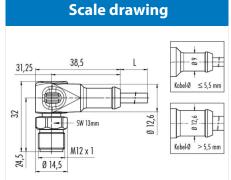


Product male angled cable connector, overmoulded, stainless steel, PVC cable

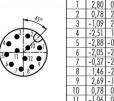
M12-A Series 763 FOOD & BEVERAGE

Article number 77 3727 0000 20912-0500

# Illustration



# **Contact Arrangement**



braun/brown blau/blue weiß/white grün/green rosa/pink gelb/yellow schwarz/black grau/grey rot/red

10 violett/purple 11 grau/rosa/grey/pink 12 rot/blau/red/blue

Geschirmte Versionen: Schirm auf Gehäuse

# **Technical data**

### **General features**

Connector Design Connector locking system Termination

Wire gauge (mm) Wire gauge (AWG)

Upper temperature Lower temperature Cable Connector

0,25 24 105 °C -40 °C

#### **Cable data**

material housing PVC Insulation single lead PVC Single lead structure 32 x 0.1 Cable sheath Ø 66 Conductor resistance 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 movable Approval 1 Approval 2

Bending radius cable fixed

screw

crimp, overmoulded on cable

75 Ω/Km (20°C)

min. 5 x D min. 10 x D UL listed 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 Contact plating Material of contact body Material of housing

CuSn (Bronze) Au (gold) PΡ

