### **Product sheet**

# **Automation Technology**

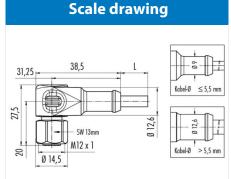


Product female angled cable connector, overmoulded, stainless steel, PVC cable

M12-A Series 763 FOOD & BEVERAGE

Article number 77 3734 0000 20412-0500

# Illustration



# **Contact Arrangement**



|    | X     | Y     |
|----|-------|-------|
| 1  | -2,80 | 0,78  |
| 2  | -0,78 | 2,80  |
| 3  | 1,09  | 2,69  |
| 4  | 2,51  | 1,46  |
| 5  | 2,88  | -0,37 |
| 6  | 2,05  | -2,05 |
| 7  | 0,37  | -2,88 |
| 8  | -1,46 | -2,51 |
| 9  | -2,69 | -1,09 |
| 10 | -0,78 | 0,78  |
| 11 | 1,06  | 0,29  |
| 12 | -0.29 | -1.06 |

braun/brown blau/blue weiB/white grün/green rosa/pink gelb/yellow schwarz/black

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

Geschirmte Versionen: Schirm auf Gehäuse shield on housing

# **Technical data**

## **General features**

Connector Design Connector locking system

Termination Wire gauge (mm)

Wire gauge (AWG) Upper temperature Lower temperature Cable Connector

### **Cable data**

material housing PVC Insulation single lead PVC Single lead structure Cable sheath Ø 66 Conductor resistance Temperature range cable movable °C from

Temperature range cable movable °C to Temperature range cable fixed °C from Temperature range cable fixed °C to Bending radius cable fixed Bending radius cable movable

Approval 1 Approval 2

screw

crimp, overmoulded on cable

0,25 24 105 °C -40 °C

32 x 0,1

75 Ω/Km (20°C)

105 -40 105 min. 5 x D min. 10 x D **UL** listed Fcolab

# **Electrical parameters**

Rated voltage 30 V Pollution degree 3 Overvoltage category Ш Material group Ш Rated current (40°C) 1,5 A  $\leq 3 \text{ m}\Omega$ Volume resistivity 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) PP PP