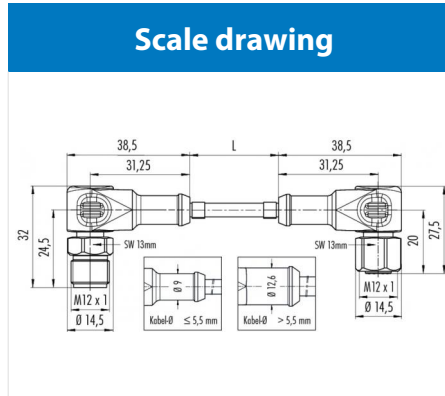


Product description **M12-A connecting cord for food and beverage industry, Contacts: 4, not shielded, moulded on cable, IP69K, Ecolab, FDA compliant, Standard cable, PP grey, 4 x 0.34 mm²**

Area **M12-A series 763**
Order number **77 3734 3727 40404-0200**



Contact arrangement

	X	Y
1	2,50	0,00
2	0,00	2,50
3	-2,50	0,00
4	0,00	-2,50

1 braun/brown
2 weiß/white
3 blau/blue
4 schwarz/black

Geschirmte Versionen: Schirm auf Gehäuse
Shielded versions: shield on housing

Technical data

General values

Connector design connecting cord for food and beverage industry
Connector locking system screw
Termination moulded on cable
Wire gauge (mm) 0.34 mm²
Wire gauge (AWG) 22
Upper limit temperature 105 °C
Lower limit temperature -40 °C
Customs tariff number 85444290

Cable data

Cable length 2 m
Sheath material PP
Single-lead insulation PVC
Single-lead structure 42 x 0,1 mm
Cable diameter 4.8 mm
Conductor resistance 57 Ω/Km
Temperature range, moving cable, °C from -5 °C
Temperature range, moving cable, °C to 105 °C
Temperature range, fixed cable, °C from -40 °C
Temperature range, fixed cable, °C to 105 °C
Bending radius, fixed cable ≥ 5 x Ø
Bending radius, moving cable ≥ 10 x Ø
Approval 1 Ecolab
Approval 2 FDA compliant
UL style 1 AWM2517

Electrical values

Rated current (40 °C) 4 A
Rated voltage 250 V
Rated impulse voltage 2500 V
Pollution degree 3
Overvoltage category II
Insulating material group II
Insulation resistance ≥ 10¹⁰ Ω
EMC compliance not shielded
Degree of protection IP69K
Degree of protection 2 IP67
Mechanical operation IP67
> 100 Mating cycles

Material

Contact material Pin: CuZn (brass) / Socket: CuSn (bronze)
Contact plating Au (gold)
Contact body material PP
Housing material PP

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Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).