

Product **female cable connector, overmoulded, stainless steel, PVC cable**
 Area **M12-A Series 763 FOOD & BEVERAGE**
 Article number **77 3730 0000 20403-0500**

Illustration	Scale drawing	Contact Arrangement								
		<table style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>braun/brown</td></tr> <tr><td>2</td><td>weiß/white</td></tr> <tr><td>3</td><td>blau/blue</td></tr> <tr><td>4</td><td>schwarz/black</td></tr> </table>	1	braun/brown	2	weiß/white	3	blau/blue	4	schwarz/black
1	braun/brown									
2	weiß/white									
3	blau/blue									
4	schwarz/black									

Technical data

General features

Connector Design	Cable Connector
Connector locking system	screw
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,34
Wire gauge (AWG)	22
Upper temperature	105 °C
Lower temperature	-40 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	32 x 0,1
Cable sheath Ø	4.5
Conductor resistance	57 Ω/Km (20°C)
Temperature range cable movable °C from	-5
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
Approval 1	UL listed
Approval 2	Ecolab

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
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