

Product **female cable connector, overmoulded, stainless steel, PVC cable**
 Area **M12-A Series 763 FOOD & BEVERAGE**
 Article number **77 3730 0000 20405-0500**

Illustration	Scale drawing	Contact Arrangement																		
		<table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>0,00</td> <td>2,50</td> </tr> <tr> <td>3</td> <td>2,50</td> <td>0,00</td> </tr> <tr> <td>4</td> <td>0,00</td> <td>-2,50</td> </tr> <tr> <td>5</td> <td>0,00</td> <td>0,00</td> </tr> </tbody> </table> <p style="font-size: small;"> 1 braun/brown 2 weiß/white 3 blau/blue 4 schwarz/black 5 grau/grey </p> <p style="font-size: x-small;"> Geschirmte Versionen: Schirm auf Gehäuse Shielded versions: shield on housing </p>		X	Y	1	-2,50	0,00	2	0,00	2,50	3	2,50	0,00	4	0,00	-2,50	5	0,00	0,00
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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	4.8
Conductor resistance	79 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	60 V
Rated impulse voltage	1500 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