

Product **connecting cable, overmoulded, F&B, stainless steel,PVC grey**  
 Area **M12-A Series 763 FOOD & BEVERAGE**  
 Article number **77 3730 3729 20908-0500**

Illustration	Scale drawing	Contact Arrangement																				
		<table border="0"> <thead> <tr> <th style="text-align: left;">geschirmt/ shielded</th> <th style="text-align: left;">nicht geschirmt/ not shielded</th> </tr> </thead> <tbody> <tr> <td>1 weiß/white</td> <td>1 weiß/white</td> </tr> <tr> <td>2 braun/brown</td> <td>2 braun/brown</td> </tr> <tr> <td>3 grün/green</td> <td>3 grün/green</td> </tr> <tr> <td>4 gelb/yellow</td> <td>4 gelb/yellow</td> </tr> <tr> <td>5 grau/grey</td> <td>5 grau/grey</td> </tr> <tr> <td>6 rosa/pink</td> <td>6 rosa/pink</td> </tr> <tr> <td>7 blau/blue</td> <td>7 blau/blue</td> </tr> <tr> <td>8 rot/red</td> <td>8 Schirm/shield</td> </tr> <tr> <td>Gehäuse-Schirm/ Housing-shield</td> <td></td> </tr> </tbody> </table>	geschirmt/ shielded	nicht geschirmt/ not shielded	1 weiß/white	1 weiß/white	2 braun/brown	2 braun/brown	3 grün/green	3 grün/green	4 gelb/yellow	4 gelb/yellow	5 grau/grey	5 grau/grey	6 rosa/pink	6 rosa/pink	7 blau/blue	7 blau/blue	8 rot/red	8 Schirm/shield	Gehäuse-Schirm/ Housing-shield	
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## Technical data

### General features

Connector Design	Cable Connector
Connector locking system	screw
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,25
Wire gauge (AWG)	24
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	6
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	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	2 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