

Product **female cable connector, overmoulded, stainless steel, PVC cable**
Area **M12-A Series 763 FOOD & BEVERAGE**
Article number **77 3730 0000 20912-0500**

Illustration	Scale drawing	Contact Arrangement																																																				
		<table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>-2,80</td><td>0,78</td><td>1 braun/brown</td></tr> <tr><td>2</td><td>-0,78</td><td>2,80</td><td>2 blau/blue</td></tr> <tr><td>3</td><td>1,09</td><td>2,69</td><td>3 weiß/white</td></tr> <tr><td>4</td><td>2,51</td><td>1,46</td><td>4 grün/green</td></tr> <tr><td>5</td><td>2,88</td><td>-0,37</td><td>5 rosa/pink</td></tr> <tr><td>6</td><td>2,05</td><td>-2,05</td><td>6 gelb/yellow</td></tr> <tr><td>7</td><td>0,37</td><td>-2,88</td><td>7 schwarz/black</td></tr> <tr><td>8</td><td>-1,46</td><td>-2,51</td><td>8 grau/grey</td></tr> <tr><td>9</td><td>-2,69</td><td>-1,09</td><td>9 rot/red</td></tr> <tr><td>10</td><td>-0,78</td><td>0,78</td><td>10 violett/purple</td></tr> <tr><td>11</td><td>1,06</td><td>0,29</td><td>11 grau/rosa/grey/pink</td></tr> <tr><td>12</td><td>-0,29</td><td>-1,06</td><td>12 rot/blau/red/blue</td></tr> </tbody> </table> <p style="font-size: small;">Geschirmte Versionen: Schirm auf Gehäuse Shielded versions: shield on housing</p>		X	Y		1	-2,80	0,78	1 braun/brown	2	-0,78	2,80	2 blau/blue	3	1,09	2,69	3 weiß/white	4	2,51	1,46	4 grün/green	5	2,88	-0,37	5 rosa/pink	6	2,05	-2,05	6 gelb/yellow	7	0,37	-2,88	7 schwarz/black	8	-1,46	-2,51	8 grau/grey	9	-2,69	-1,09	9 rot/red	10	-0,78	0,78	10 violett/purple	11	1,06	0,29	11 grau/rosa/grey/pink	12	-0,29	-1,06	12 rot/blau/red/blue
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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	6,6
Conductor resistance	75 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)	1,5 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