

Product **female cable connector, overmoulded, stainless steel, PVC cable**  
Area **M12-A Series 763 FOOD & BEVERAGE**  
Article number **77 3730 0000 20912-0200**

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>-2,80</td><td>0,78</td></tr> <tr><td>2</td><td>-0,78</td><td>2,80</td></tr> <tr><td>3</td><td>1,09</td><td>2,69</td></tr> <tr><td>4</td><td>2,51</td><td>1,46</td></tr> <tr><td>5</td><td>2,88</td><td>-0,37</td></tr> <tr><td>6</td><td>2,05</td><td>-2,05</td></tr> <tr><td>7</td><td>0,37</td><td>-2,88</td></tr> <tr><td>8</td><td>-1,46</td><td>-2,51</td></tr> <tr><td>9</td><td>-2,69</td><td>-1,09</td></tr> <tr><td>10</td><td>-0,78</td><td>0,78</td></tr> <tr><td>11</td><td>1,06</td><td>0,29</td></tr> <tr><td>12</td><td>-0,29</td><td>-1,06</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	2	-0,78	2,80	3	1,09	2,69	4	2,51	1,46	5	2,88	-0,37	6	2,05	-2,05	7	0,37	-2,88	8	-1,46	-2,51	9	-2,69	-1,09	10	-0,78	0,78	11	1,06	0,29	12	-0,29	-1,06
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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