

Product **Polzahl: 12, Kabellänge 2 m, Kabel: 12 x 0,34 mm², PVC, Verbindungsleitung Kabelstecker-Winkeldose**
 Area **M12-A Series 763 FOOD & BEVERAGE**
 Article number **77 3734 3729 20912-0200**

Illustration	Scale drawing	Contact Arrangement
		<ul style="list-style-type: none"> 1 braun/brown 2 blau/blue 3 weiß/white 4 grün/green 5 rosa/pink 6 gelb/yellow 7 schwarz/black 8 grau/grey 9 rot/red 10 violett/purple 11 grau/rosa/grey/pink 12 rot/blau/red/blue

Technical data

<h3 style="color: #0070C0;">General features</h3> <table border="0"> <tr> <td>Connector Design</td> <td>Cable Connector</td> </tr> <tr> <td>Connector locking system</td> <td>bolted</td> </tr> <tr> <td>Wire gauge (mm)</td> <td>0,25 mm²</td> </tr> <tr> <td>Wire gauge (AWG)</td> <td>(24)</td> </tr> <tr> <td>Upper temperature</td> <td>105 °C</td> </tr> <tr> <td>Lower temperature</td> <td>-40 °C</td> </tr> </table> <h3 style="color: #0070C0;">Cable data</h3> <table border="0"> <tr> <td>material housing</td> <td>PVC</td> </tr> <tr> <td>Insulation single lead</td> <td>PVC</td> </tr> <tr> <td>Single lead structure</td> <td>32 x 0,1</td> </tr> <tr> <td>Cable sheath Ø</td> <td>6.6</td> </tr> <tr> <td>Conductor resistance</td> <td>75 Ω/Km</td> </tr> <tr> <td>Temperature range cable movable °C from</td> <td>-5</td> </tr> <tr> <td>Temperature range cable movable °C to</td> <td>105</td> </tr> <tr> <td>Temperature range cable fixed °C from</td> <td>-40</td> </tr> <tr> <td>Temperature range cable fixed °C to</td> <td>105</td> </tr> <tr> <td>Bending radius cable fixed</td> <td>min. 5 x D</td> </tr> <tr> <td>Bending radius cable movable</td> <td>min. 10 x D</td> </tr> <tr> <td>Approval 1</td> <td>UL listed</td> </tr> <tr> <td>Approval 2</td> <td>Ecolab</td> </tr> <tr> <td>Cable diameter</td> <td>6.6</td> </tr> </table>	Connector Design	Cable Connector	Connector locking system	bolted	Wire gauge (mm)	0,25 mm ²	Wire gauge (AWG)	(24)	Upper temperature	105 °C	Lower temperature	-40 °C	material housing	PVC	Insulation single lead	PVC	Single lead structure	32 x 0,1	Cable sheath Ø	6.6	Conductor resistance	75 Ω/Km	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	Cable diameter	6.6	<h3 style="color: #0070C0;">Electrical parameters</h3> <table border="0"> <tr> <td>Rated voltage</td> <td>30 V</td> </tr> <tr> <td>Rated impulse voltage</td> <td>800 V</td> </tr> <tr> <td>Pollution degree</td> <td>3</td> </tr> <tr> <td>Overvoltage category</td> <td>II</td> </tr> <tr> <td>Material group</td> <td>II</td> </tr> <tr> <td>Rated current (40°C)</td> <td>1,5 A</td> </tr> <tr> <td>Volume resistivity</td> <td>≤ 3 mΩ</td> </tr> <tr> <td>EMV compliance</td> <td>not shielded</td> </tr> <tr> <td>Degree of protection</td> <td>IP69K</td> </tr> <tr> <td>Mechanical operation</td> <td>> 100 Mating cycles</td> </tr> </table> <h3 style="color: #0070C0;">Material</h3> <table border="0"> <tr> <td>Material of contact</td> <td>CuSn (Bronze)</td> </tr> <tr> <td>Contact plating</td> <td>Au (gold)</td> </tr> <tr> <td>Material of contact body</td> <td>PP</td> </tr> <tr> <td>Material of housing</td> <td>PP</td> </tr> </table>	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 of contact	CuSn (Bronze)	Contact plating	Au (gold)	Material of contact body	PP	Material of housing	PP
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