

Product **Polzahl: 8, Kabellänge 2 m, Kabel: 8 x 0,34 mm², PVC, Verbindungsleitung Winkelstecker-Winkeldose**
 Area **M12-A Series 763 FOOD & BEVERAGE**
 Article number **77 3734 3727 20908-0200**

Illustration	Scale drawing	Contact Arrangement																				
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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</td></tr> <tr><td>Conductor resistance</td><td><79Ω/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</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	Conductor resistance	<79Ω/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	<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>2 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)	2 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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