

Product	Contacts: 4, Female angled connector, overmoulded, screw type, M8x1, with hexagonal die-cast threaded ring	Area	M8 Series 718
Pole	4	Article number	77 3408 0000 20004-0200

Illustration	Scale drawing	Contact Arrangement
		<p>1 braun/brown 2 weiß/white 3 blau/blue 4 schwarz/black</p>

Technical data

<h3 style="color: #0070C0;">Common values</h3> <table border="0"> <tr><td>Connector Design</td><td>Female angled connector</td></tr> <tr><td>Connector locking system</td><td>screw</td></tr> <tr><td>Termination</td><td>crimp, injection-moulded cable</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>Cable outlet</td><td>-</td></tr> <tr><td>Upper temperature</td><td>85 °C</td></tr> <tr><td>Lower temperature</td><td>-25 °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>4.5</td></tr> <tr><td>Conductor resistance</td><td>79.9Ω/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>70</td></tr> <tr><td>Temperature range cable fixed c from</td><td>-15</td></tr> <tr><td>Temperature range cable fixed c to</td><td>70</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> </table>	Connector Design	Female angled connector	Connector locking system	screw	Termination	crimp, injection-moulded cable	Wire gauge (mm)	0.25 mm ²	Wire gauge (AWG)	24	Cable outlet	-	Upper temperature	85 °C	Lower temperature	-25 °C	material housing	PVC	Insulation single lead	PVC	Single lead structure	32 x 0.1	Cable sheath Ø	4.5	Conductor resistance	79.9Ω/Km	Temperature range cable movable c from	-5	Temperature range cable movable c to	70	Temperature range cable fixed c from	-15	Temperature range cable fixed c to	70	Bending radius cable fixed	min. 5 x D	Bending radius cable movable	min. 10 x D	<h3 style="color: #0070C0;">Electrical values</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>4 A</td></tr> <tr><td>Volume resistivity</td><td>≤ 3 mΩ</td></tr> <tr><td>EMV compliance</td><td>nicht geschirmt</td></tr> <tr><td>Degree of protection</td><td>IP67</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>CuZn (Brass)</td></tr> <tr><td>Contact plating</td><td>Au (Gold)</td></tr> <tr><td>Material of contact body</td><td>PUR</td></tr> <tr><td>Material of housing</td><td>PUR</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)	4 A	Volume resistivity	≤ 3 mΩ	EMV compliance	nicht geschirmt	Degree of protection	IP67	Mechanical operation	> 100 mating cycles	Material of contact	CuZn (Brass)	Contact plating	Au (Gold)	Material of contact body	PUR	Material of housing	PUR
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