

Product	<b>Contacts: 4, Female angled connector, overmoulded, screw type, M8x1, with hexagonal die-cast threaded ring</b>	Area	<b>M8 Series 718</b>
Pole	<b>4</b>	Article number	<b>77 3408 0000 50004-0200</b>

Illustration	Scale drawing	Contact Arrangement
		<ul style="list-style-type: none"> <li>1 braun/brown</li> <li>2 weiß/white</li> <li>3 blau/blue</li> <li>4 schwarz/black</li> </ul>

## 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 mm<sup>2</sup></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>PUR</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 <sup>2</sup>	Wire gauge (AWG)	24	Cable outlet	-	Upper temperature	85 °C	Lower temperature	-25 °C	material housing	PUR	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>&gt; 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
Connector Design	Female angled connector																																																																		
Connector locking system	screw																																																																		
Termination	crimp, injection-moulded cable																																																																		
Wire gauge (mm)	0.25 mm <sup>2</sup>																																																																		
Wire gauge (AWG)	24																																																																		
Cable outlet	-																																																																		
Upper temperature	85 °C																																																																		
Lower temperature	-25 °C																																																																		
material housing	PUR																																																																		
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																																																																		
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																																																																		

Contacts: 4, Cable length 2 m, cable: 4 x 0.25, PUR cable sheath, female angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring