

Product	<b>Contacts: 3, Male angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring</b>	Area	<b>M8 Series 718</b>
Pole	<b>3</b>	Article number	<b>77 3403 0000 20003-0200</b>

Illustration	Scale drawing	Contact Arrangement

## Technical data

<h3 style="color: #0070C0; margin: 0;">Common values</h3> <table border="0"> <tr> <td>Connector Design</td> <td>Male 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>Upper temperature</td> <td>85 °C</td> </tr> <tr> <td>Lower temperature</td> <td>-25 °C</td> </tr> </table>		Connector Design	Male angled connector	Connector locking system	screw	Termination	crimp, injection-moulded cable	Wire gauge (mm)	0.25 mm <sup>2</sup>	Wire gauge (AWG)	24	Upper temperature	85 °C	Lower temperature	-25 °C	<h3 style="color: #0070C0; margin: 0;">Electrical values</h3> <table border="0"> <tr> <td>Rated voltage</td> <td>60 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>		Rated voltage	60 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
Connector Design	Male angled connector																																				
Connector locking system	screw																																				
Termination	crimp, injection-moulded cable																																				
Wire gauge (mm)	0.25 mm <sup>2</sup>																																				
Wire gauge (AWG)	24																																				
Upper temperature	85 °C																																				
Lower temperature	-25 °C																																				
Rated voltage	60 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																																				
<h3 style="color: #0070C0; margin: 0;">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>79.5Ω/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> <tr> <td>Approval</td> <td>-</td> </tr> </table>		material housing	PVC	Insulation single lead	PVC	Single lead structure	32 x 0.1	Cable sheath Ø	4.5	Conductor resistance	79.5Ω/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	Approval	-	<h3 style="color: #0070C0; margin: 0;">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>		Material of contact	CuZn (Brass)	Contact plating	Au (Gold)	Material of contact body	PUR	Material of housing	PUR		
material housing	PVC																																				
Insulation single lead	PVC																																				
Single lead structure	32 x 0.1																																				
Cable sheath Ø	4.5																																				
Conductor resistance	79.5Ω/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																																				
Approval	-																																				
Material of contact	CuZn (Brass)																																				
Contact plating	Au (Gold)																																				
Material of contact body	PUR																																				
Material of housing	PUR																																				

Contacts: 3, Cable length 2 m, cable: 3 x 0.25, PVC cable sheath, male angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring