

Product	<b>Contacts: 8, Female angled connector, overmoulded, screw type, M8x1, with hexagonal die-cast threaded ring</b>	Area	<b>M8 Series 718</b>
Pole	<b>8</b>	Article number	<b>77 3408 0000 50008-0500</b>

Illustration	Scale drawing	Contact Arrangement																
		<table border="0"> <tr><td>1</td><td>weiß/white</td></tr> <tr><td>2</td><td>braun/brown</td></tr> <tr><td>3</td><td>grün/green</td></tr> <tr><td>4</td><td>gelb/yellow</td></tr> <tr><td>5</td><td>grau/grey</td></tr> <tr><td>6</td><td>rosa/pink</td></tr> <tr><td>7</td><td>blau/blue</td></tr> <tr><td>8</td><td>rot/red</td></tr> </table>	1	weiß/white	2	braun/brown	3	grün/green	4	gelb/yellow	5	grau/grey	6	rosa/pink	7	blau/blue	8	rot/red
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## Technical data

### Common values

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
Upper temperature	85 °C
Lower temperature	-25 °C

### Cable data

material housing	PUR
Insulation single lead	PP
Single lead structure	32 x 0.1
Cable sheath Ø	6
Conductor resistance	<79Ω/Km
Temperature range cable movable c from	-25
Temperature range cable movable c to	80
Temperature range cable fixed c from	-50
Temperature range cable fixed c to	80
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval	UL, CSA

### Electrical values

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	nicht geschirmt
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

### Material

Material of contact	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PUR
Material of housing	PUR

Contacts: 8, Cable length 5 m, cable: 8 x 0.25, PUR cable sheath, female angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring