

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 50004-0500</b>

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

## 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
Cable outlet	-
Upper temperature	85 °C
Lower temperature	-25 °C

### Electrical values

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

### Cable data

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

### Material

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

Contacts: 4, Cable length 5 m, cable: 4 x 0.25, PUR cable sheath, female angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring