

Product	<b>Contacts: 8, Cable plug connector, overmoulded</b>	Area	<b>M12-A Series 763</b>
Pole	<b>8</b>	Article number	<b>77 3429 0000 50608-0500</b>

Illustration	Scale drawing	Contact Arrangement																				
		<table border="1" style="margin-top: 10px;"> <thead> <tr> <th>geschirmt/ shielded</th> <th>nicht geschirmt/ not shielded</th> </tr> </thead> <tbody> <tr><td>1 weiß/white</td><td>1 weiß/white</td></tr> <tr><td>2 braun/brown</td><td>2 braun/brown</td></tr> <tr><td>3 grün/green</td><td>3 grün/green</td></tr> <tr><td>4 gelb/yellow</td><td>4 gelb/yellow</td></tr> <tr><td>5 grau/grey</td><td>5 grau/grey</td></tr> <tr><td>6 rosa/pink</td><td>6 rosa/pink</td></tr> <tr><td>7 blau/blue</td><td>7 blau/blue</td></tr> <tr><td>8 rot/red</td><td>8 Schirm/shield</td></tr> <tr><td colspan="2">Gehäuse-Schirm/ Housing-shield</td></tr> </tbody> </table>	geschirmt/ shielded	nicht geschirmt/ not shielded	1 weiß/white	1 weiß/white	2 braun/brown	2 braun/brown	3 grün/green	3 grün/green	4 gelb/yellow	4 gelb/yellow	5 grau/grey	5 grau/grey	6 rosa/pink	6 rosa/pink	7 blau/blue	7 blau/blue	8 rot/red	8 Schirm/shield	Gehäuse-Schirm/ Housing-shield	
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## Technical data

### Common values

Connector Design	Cable plug 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	PVC
Single lead structure	19 x 0.127
Cable sheath Ø	6
Conductor resistance	73Ω/Km
Temperature range cable movable c from	-5
Temperature range cable movable c to	70
Temperature range cable fixed c from	-25
Temperature range cable fixed c to	70
Bending radius cable fixed	60 mm
Bending radius cable movable	120 mm

### Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	2 A
Volume resistivity	≤ 3 mΩ
EMV compliance	nicht geschirmt
Degree of protection	IP68
Mechanical operation	> 100 mating cycles

### Material

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

Polzahl: 8, Kabellänge 5 m, Kabel: 8 x 0,25 mm<sup>2</sup>, PUR, Kabelstecker, umspritzt, Schirm auf Pol 8