

Product	Contacts: 8, Male angled connector overmoulded	Area	M12-A Series 763
Pole	8	Article number	77 3427 0000 50608-0500

Illustration	Scale drawing	Contact Arrangement																				
		<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">geschirmt/ shielded</td> <td style="text-align: left;">nicht geschirmt/ not shielded</td> </tr> <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" style="text-align: center;"><i>Gehäuse-Schirm/ Housing-shield</i></td> </tr> </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	<i>Gehäuse-Schirm/ Housing-shield</i>	
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Technical data

Common values

Connector Design	Male angled connector
Connector locking system	screw
Termination	crimp, injection-moulded cable
Wire gauge (mm)	0.25 mm ²
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

Kopie von Polzahl: 8, Kabellänge 5 m, Kabel: 8 x 0,25 mm², PUR, Winkelstecker dick umspritzt, Schirm auf Pol 8.