

Product	Contacts: 8, Cable plug connector, overmoulded	Area	M12-A Series 763
Pole	8	Article number	77 3429 0000 50708-0200

Illustration	Scale drawing	Contact Arrangement																				
		<table border="0" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left;">geschirmt/ shielded</th> <th style="text-align: left;">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" style="text-align: center;">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	
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																						

Technical data

Common values

Connector Design	Cable plug 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

Contacts: 8, Cable length 2 m, cable: 8 x 0.25 mm², PUR, cable plug connector, overmoulded