

Servo Motor Cables

SL 860 C

PVC motor connection cable with overall tinned copper shield, low capacitance 0.6/1 kV



DESINA AWM Style 21179 80°C 1000V CE



Marking for SL 860 C 8601604:

SAB BRÖCKSKES · D-VIERSEN · 8600415 4 x 1.5 mm² SL 860 C 16 AWG/4c 8601604 **DESINA** AWM Style 21179 80°C 1000V CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	special polymer
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green/yellow ground
Stranding:	specially adjusted layering
Wrapping:	foil
Shielding:	tinned copper braiding
Jacket material:	PVC
Jacket color:	orange (RAL 2003)

Outstanding features:

- UL recognition
- very good EMC characteristics
- low capacitance construction
- very good stripping
- very good oil resistance

Technical data:

Nominal voltage:	Uo/U 0.6/1 kV	
Voltage UL:	1000 V	
Testing voltage:	conductor/conductor:	4000 V
	conductor/shielding:	4000 V
Min. bending radius:		
<i>fixed installation:</i>	5 x O.D.	
<i>free movement:</i>	10 x O.D.	
Temperature range:	DIN VDE	UL/CSA: up to +80°C
<i>static:</i>	-30/+70°C	
<i>flexible:</i>	0/+70°C	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL FT1	
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1	
Approvals:	UR AWM, CE, EAC, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
8601604	4	0.335	8.5	78
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
8601404	4	0.366	9.3	107
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
8601204	4	0.469	11.9	176

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
8601004	4	0.535	13.6	238
▶ 8 AWG (≈ 77/26) ▪ 10.00 mm²				
8600804	4	0.843	21.4	415
▶ 6 AWG (≈ 122/26) ▪ 16.00 mm²				
8600604	4	0.874	22.2	617

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
▶ 4 AWG (≈ 190/26) ▪ 25.00 mm²				
8600404	4	1.024	26.0	886
▶ 2 AWG (≈ 272/26) ▪ 35.00 mm²				
8600204	4	1.154	29.3	1183
▶ 1 AWG (≈ 400/26) ▪ 50.00 mm²				
8600104	4	1.205	30.6	1633

Other dimensions and colors are available on request