SL 860 C

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

Marking for SL 860 C 08601604:
SAB BRÖCKSKES · D-VIERSEN · 08600415 4 x 1.5 mm² SL 860 C 16 AWG/4c 08601604 DESINA AWM Style 21179 80°C 1000V

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: *fixed installation:* *free movement:*	 5 x O.D. 10 x O.D.
Temperature range: *static:* *flexible:*	**DIN VDE** **UL/CSA:** up to +80°C -30/+70°C 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

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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				
08601604	4	0.335	8.5	78
14 AWG (≈ 46/30) • 2.50 mm²				
08601404	4	0.366	9.3	107
12 AWG (≈ 52/28) • 4.00 mm²				
08601204	4	0.469	11.9	176
10 AWG (≈ 78/28) • 6.00 mm²				
08601004	4	0.535	13.6	238
8 AWG (≈ 77/26) • 10.00 mm²				
08600804	4	0.843	21.4	415
6 AWG (≈ 122/26) • 16.00 mm²				
08600604	4	0.874	22.2	617
4 AWG (≈ 190/26) • 25.00 mm²				
08600404	4	1.024	26.0	886
2 AWG (≈ 272/26) • 35.00 mm²				
08600204	4	1.154	29.3	1183
1 AWG (≈ 400/26) • 50.00 mm²				
08600104	4	1.205	30.6	1633

Other dimensions and colors are available on request

Note: DESINA® is a registered trademark of the German Machine Tool Builders' Association.