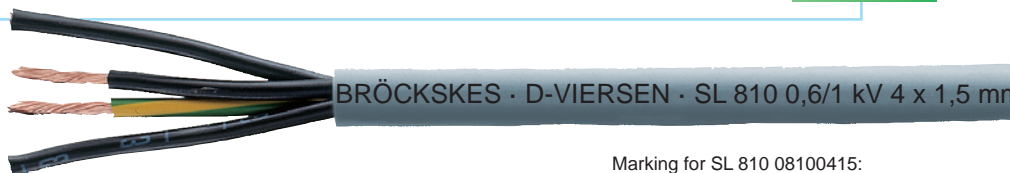


SERVO MOTOR CABLES

SL 810 PVC motor connection cable 0.6/1 kV



Marking for SL 810 08100415:
SAB BRÖCKSKES · D-VIERSEN · SL 810 0,6/1 kV 4 x 1,5 mm² CE

SL 810 is a flexible motor connection cable for use in automation technology, control and product technology, industrial motor connection and in drive systems.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Jacket material:	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Jacket color:	gray

Technical data:

Nominal voltage:	U ₀ /U 0.6/1 kV
Testing voltage U:	4000 V
Min. bending radius	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
<i>static:</i>	-40/+70 °C
<i>flexing:</i>	+5/+70 °C
Oil resistance:	acc. to internal standard, see page N/27
Chem. resistance:	see page N/9
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

Outstanding features:

- high functionality
- good handling

item no.	no. of conductors incl. ground	nominal outer- \varnothing inch $\pm 10\%$	nominal outer- \varnothing mm $\pm 10\%$	cable weight \approx lbs/mft
▶ 16 AWG (\approx 27-29/30) • 1.50 mm ²				
08100415	4	0.378	9.6	95
08100515	5	0.429	10.9	122
▶ 14 AWG (\approx 46/36) • 2.50 mm ²				
08100425	4	0.449	11.4	141
08100525	5	0.492	12.5	173
▶ 12 AWG (\approx 52/28) • 4.00 mm ²				
08100440	4	0.524	13.3	203
08100540	5	0.571	14.5	247

item no.	no. of conductors incl. ground	nominal outer- \varnothing inch $\pm 10\%$	nominal outer- \varnothing mm $\pm 10\%$	cable weight \approx lbs/mft
▶ 10 AWG (\approx 78/28) • 6.00 mm ²				
08100460	4	0.587	14.9	274
08100560	5	0.642	16.3	334
▶ 8 AWG (\approx 77/26) • 10.00 mm ²				
08100470	4	0.815	20.7	505
08100570	5	0.890	22.6	615
▶ 6 AWG (\approx 122/26) • 16.00 mm ²				
08100480	4	0.949	24.1	718
08100580	5	1.039	26.4	880

item no.	no. of conductors incl. ground	nominal outer- \varnothing inch $\pm 10\%$	nominal outer- \varnothing mm $\pm 10\%$	cable weight \approx lbs/mft
▶ 4 AWG (\approx 190/26) • 25.00 mm ²				
08100490	4	1.154	29.3	1117
08100590	5	1.264	32.1	1370
▶ 2 AWG (\approx 272/26) • 35.00 mm ²				
08100495	4	1.283	32.6	1476
▶ 1 AWG (\approx 400/26) • 50.00 mm ²				
08100496	4	1.465	37.2	2017
▶ 2/0 AWG (\approx 543/26) • 70.00 mm ²				
08100497	4	1.693	43.0	2802

Other dimensions and colors are possible on request.



for DNC motors
on frequency
converters