

# Servo Motor Cables

## SL 811

PUR motor connection cable with PVC cores 0.6/1 kV

suitable for  
cable tracks

SAB Servo

BRÖCKSKES · D-VIERSEN · SL 811 0,6/1 kV 5 x 1,5 mm<sup>2</sup> CE



Marking for SL 811 08110515:

SAB BRÖCKSKES · D-VIERSEN · SL 811 0,6/1 kV 5 x 1,5 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green-yellow earth wire
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface
<b>Sheath colour:</b>	grey (RAL 7000)

### Outstanding features:



- suitable for cable tracks
- flexible
- rugged sheath
- oil resistant

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0.6/1 kV
<b>Testing voltage:</b>	core/core 4000 V
<b>Min. bending radius</b>	
fixed laying:	4 x d
flexible application:	6 x d
continuously flexible:	10 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
fixed laying:	-40/+70 °C
flexible application:	+5/+70 °C
<b>Oil resistance:</b>	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section n x mm <sup>2</sup>	AWG	largest single wire ø mm	outer-ø ± 5 % mm	copper figure kg/km	cable weight ≈ kg/km
08110415	4 x 1,50	16 / 4c	0,16	9,3	57,6	125
08110425	4 x 2,50	14 / 4c	0,16	11,1	96,0	191
08110440	4 x 4,00	12 / 4c	0,16	12,9	153,6	268
08110460	4 x 6,00	10 / 4c	0,21	14,7	230,4	356
08110470	4 x 10,00	8 / 4c	0,21	18,5	384,0	601
08110480	4 x 16,00	6 / 4c	0,21	21,9	614,4	862
08110490	4 x 25,00	4 / 4c	0,21	26,2	960,0	1297
08110495	4 x 35,00	2 / 4c	0,21	29,5	1344,0	1751
08110496	4 x 50,00	1 / 4c	0,31	35,0	1920,0	2423
08110515	5 x 1,50	16 / 5c	0,16	10,6	72,0	154
08110525	5 x 2,50	14 / 5c	0,16	12,8	120,0	230
08110540	5 x 4,00	12 / 5c	0,16	14,2	192,0	317
08110560	5 x 6,00	10 / 5c	0,21	16,7	288,0	449
08110570	5 x 10,00	8 / 5c	0,21	20,4	480,0	739
08110580	5 x 16,00	6 / 5c	0,21	24,6	768,0	1079
08110590	5 x 25,00	4 / 5c	0,21	28,9	1200,0	1597

Other dimensions and colours are possible on request.