

Servo Motor Cables

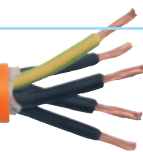
SL 820

PUR motor connection cable with TPE cores 0.6/1 kV

extremely long
service life



BRÖCKSKES · D-VIERSEN · SL 820 0,6/1 kV 4 x 1,5 mm²



Marking for SL 820 C 08200415:

SAB BRÖCKSKES · D-VIERSEN · SL 820 0,6/1 kV 4 x 1,5 mm²

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green-yellow earth wire
Stranding:	in layers
Wrapping:	non-woven tape
Sheath material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface
Sheath colour:	orange (RAL 2003)

Technical data:

Nominal voltage:	U ₀ /U 0.6/1 kV
Testing voltage:	core/core 4000 V
Min. bending radius	
fixed laying:	4 x d
flexible application:	6 x d
continuously flexible:	10 x d
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
Oil resistance:	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Weather resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

Outstanding features:



- very high flexibility
- suitable for cable tracks
- oil resistant
- very long service life
- adhesion-free installation
- halogen-free
- PWIS uncritical
(PWIS = paint-wetting impairment substances)
- flexible at low temperatures



for DNC motors
on frequency converters

item no.	no. of cores x cross section n x mm ²	AWG	largest single wire ø mm	outer-ø ± 5 % mm	copper figure kg/km	cable weight ≈ kg/km
08200415	4 x 1,50	16 / 4c	0,16	8,5	57,6	102
08200515	5 x 1,50	16 / 5c	0,16	9,3	72,0	125
08200425	4 x 2,50	14 / 4c	0,16	10,7	96,0	160
08200525	5 x 2,50	14 / 5c	0,16	11,4	120,0	193
08200440	4 x 4,00	12 / 4c	0,16	12,4	153,6	247
08200540	5 x 4,00	12 / 5c	0,16	13,2	192,0	290
08200460	4 x 6,00	10 / 4c	0,21	15,1	230,4	351
08200560	5 x 6,00	10 / 5c	0,21	16,5	288,0	443
08200470	4 x 10,00	8 / 4c	0,21	17,5	384,0	552
08200570	5 x 10,00	8 / 5c	0,21	19,2	480,0	641
08200480	4 x 16,00	6 / 4c	0,21	21,2	614,4	796
08200580	5 x 16,00	6 / 5c	0,21	23,3	768,0	979
08200490	4 x 25,00	4 / 4c	0,21	24,3	960,0	1161
08200590	5 x 25,00	4 / 5c	0,21	26,8	1200,0	1433
08200495	4 x 35,00	2 / 4c	0,21	28,6	1344,0	1588
08200496	4 x 50,00	1 / 4c	0,31	32,3	1920,0	2212

Other dimensions and colours are possible on request.