

# SERVO MOTOR CABLES



## SL 808 C PE/PVC transmission cable with overall copper screen

D-VIERSEN · SL 808 C 10 x 0,14 mm<sup>2</sup> + 2 x 0,5 mm<sup>2</sup> CE



Marking for SL 808 C 08080112:

SAB BRÖCKSKES · D-VIERSEN · SL 808 C 10 x 0,14 mm<sup>2</sup> + 2 x 0,5 mm<sup>2</sup> CE

SL 808 C is a continuous flexible, multi conductor, tinned copper shielded transmission cable for use in speedometers, brakes controlling motor temperature, continuous flexible applications, automation and control application. An overall tinned copper braid is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed.

### Construction:

<b>Conductor:</b>	bare copper strands acc. to DIN VDE 0812
<b>Insulation:</b>	PE M/MD acc. to DIN VDE 0819 part 103
<b>Color code:</b>	colored
<b>Stranding:</b>	in layers or pairwise
<b>Screen:</b>	acc. to dimension: conductors/pairs screened with tinned copper braid
<b>Wrapping:</b>	PETP foil
<b>Stranding:</b>	conductors/pairs twisted together in layers
<b>Wrapping:</b>	PETP foil
<b>Screen:</b>	tinned copper braiding
<b>Jacket material:</b>	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Jacket color:</b>	gray

### Technical data:

<b>Peak operating voltage:</b>	max. 350 V
<b>Testing voltage U:</b>	2000 V
<b>Min. bending radius</b>	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	10 x O.D.
<i>for continuous flexing:</i>	12 x O.D.
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
<i>static:</i>	-30/+70 °C
<i>flexing:</i>	-5/+70 °C
<b>Oil resistance:</b>	acc. to internal standard, see page N/27
<b>Chem. resistance:</b>	see page N/9
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28

### Outstanding features:

- good EMC characteristics
- high functionality
- space-saving application
- good handling

item no.	dimensions	nominal outer-ø		cable weight ≈ lbs/mft
		inch ±10%	mm ±10%	
▶ 08080009	24 AWG / 4pr + 20 AWG / 2c	0.319	8.1	55
▶ 08080010	24 AWG / 4pr + 18 AWG / 2c	0.331	8.4	62
▶ 08080012	26 AWG / 4pr + 20 AWG / 4c	0.327	8.3	57
▶ 08080112	26 AWG / 10c + 20 AWG / 2c	0.291	7.4	49
▶ 08080114	26 AWG / 10c + 20 AWG / 4c	0.315	8.0	62
▶ 08080013	22 AWG / 4pr + 20 AWG / 4c	0.398	10.1	86
▶ 08080020	26 AWG / 3pr + 18 AWG / 2c	0.323	8.2	67
▶ 08080022	26 AWG / 3pr + 20 AWG / 2c	0.323	8.2	67

Other dimensions and colors are possible on request.



**suitable for  
resolvers and  
shaft encoders**