

SERVO MOTOR CABLES

suitable for
cable tracks



SL 807 C PE/PVC feedback cable with overall copper screen



BRÖCKSKES · D-VIERSEN · SL 807 C 9 x 0,5 mm² CE

Marking for SL 807 C 08070050:
SAB BRÖCKSKES · D-VIERSEN · SL 807 C 9 x 0,5 mm² CE

The SL 807 C is a continuous flex servo motor feedback cable, overall shielded and designed for automated servo systems. This cable is ideally suited for automated applications, such as cable tracks, automated handling equipment, pick-and-place units, gantry robots, machine tools, and other continuous movement applications. An overall tinned copper braid is recommended whenever electrical interference distorts signal transmissions, or when EMI emissions need to be suppressed.

Construction:

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

Technical data:

Peak operating voltage:	max. 500 V
Testing voltage U:	2000 V
Min. bending radius	
<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.
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
<i>static:</i>	-30/+70 °C
<i>flexing:</i>	-5/+70 °C
Oil resistance:	acc. to internal standard, see page N/25
Chem. resistance:	see page N/9
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

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%	
▶ 08070050	20 AWG / 9c	0.331	8.4	72

Other dimensions and colors are possible on request.



suitable for
resolvers and
shaft encoders