

Servo Cables



SL 806 C PE/PVC 각페어드 Motor 연결선 / 호일섀드 / 구리망 섀드 / 0.6 / 1 kV

SL 806 C 4 x 0,75 mm² + 2 x (2 x 0,34 mm²) CE RoHS

RoHS

Marking for SL 806 C 08060407

SAB BRÖCKSKES D-VIERSEN SL 806 C 4 x 0,75mm²+2x(2x0,34mm²) CE

Construction (케이블구성)

Conductor (도체)	bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5
Insulation (내피재질)	control cores: PE 2Y1 acc. to DIN VDE 0207 part 2 supply cores: PVC T12 acc. to DIN VDE 0281 part 1 + HD 21.1
Core code (코어식별)	black cores with consecutive numbers acc. to DIN VDE 0293 + HD 186 (except 0,34 mm ² coloured) and a green-yellow earth wire
Stranding (도체연선)	control cores 0,34 mm ² – 1,5 mm ² twisted to pairs
Screen (섀드형식)	pairs wrapped with Alu-foil, tinned copper braid
Wrapping	pairs with mit PETP foil
Stranding (도체연선)	screened control pairs and supply core twisted together in layers
Wrapping	non-woven tape
Screen (섀드형식)	tinned copper braiding
Sheath material (외피재질)	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour (외피색상)	grey (RAL 7000)

Technical data (기술사항)

Nominal voltage (사용전압)	supply cores U ₀ /U 0.6/1kV
Peak operating voltage (최고사용전압)	control cores max. 500V
Testing voltage (시험전압)	supply cores 4000V control cores 1500V
Min. bending radius (곡률반경)	fixed laying 5 x d flexible application 10 x d continuously flexible 12 x d
Radiation resistance (내방사성)	8 x 10 ⁷ cJ/kg
Temperature range (사용온도)	fixed laying -30°C / +70°C flexible application -5°C / +70°C
Oil resistance (내유성)	별첨 참조
Chem. resistance (내화학적성)	별첨 참조
Application (용도)	써보모터 시스템, 자동화장치 각종 로보트제어, 자동차 생산공정 공작기계, 자동이송장치, 제어 통신장치, 각종 엔지니어링 시스템 Siemens, Indramat 제어시스템에 적합

Outstanding features (특징)

- ▶ very good EMC characteristics (탁월한 EMC기능)
- ▶ high functionality (고급화품질)
- ▶ space-saving application (협소공간적용특화)
- ▶ good handling (취급용이함)

SL810

item no.	dimensions	supply cores	control cores (pairs)	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
08060407	4 x 0,75 + 2 x (2 x 0,34)	19 / 4c	22 / 2pr	0,21/0,16	12,7	123,0	205
08060415	4 x 1,50 + 2 x (2 x 0,75)	16 / 4c	19 / 2pr	0,26/0,21	14,0	180,6	274
08060425	4 x 2,50 + 2 x (2 x 0,75)	14 / 4c	19 / 2pr	0,26/0,21	15,4	230,2	346
08060440	4 x 4,00 + (2 x 1,00) + (2 x 1,50)	12 / 4c	18 / 1pr + 16 / 1pr	0,31/0,21/0,26	17,2	349,1	473
08060460	4 x 6,00 + (2 x 1,00) + (2 x 1,50)	10 / 4c	18 / 1pr + 16 / 1pr	0,31/0,21/0,26	19,1	429,3	581
08060470	4 x 10,00 + 2 x (2 x 1,50)	8 / 4c	18 / 2pr	0,41/0,21	22,6	595,9	843
08060480	4 x 16,00 + 2 x (2 x 1,50)	6 / 4c	18 / 2pr	0,41/0,21	27,5	860,0	1197
08060490	4 x 25,00 + 2 x (2 x 1,50)	4 / 4c	16 / 2pr	0,41/0,26	31,5	1254,2	1690
08060495	4 x 35,00 + 2 x (2 x 1,50)	2 / 4c	16 / 2pr	0,41/0,26	35,2	1678,3	2340

Other dimensions and colours are possible on request.