



Servo Cables with UL/CSA approvals

PUR 데이터전송용 케이블 / 구리망설드 **SL 839 C**

RoHS



Marking for SL 839 C 08390138 SAB BRÖCKSKES D-VIERSEN
08390138 SL 839C 4 x 2 x 0,38mm² + 4 x 0,5 mm² AWM sty 20236 80°C 30V

Construction (케이블구성)

| | |
|-------------------------------|--|
| Conductor (도체) | tinned copper strands acc. to DIN VDE 812 |
| Insulation (내피재질) | special Polymer |
| Core code (코어식별) | coloured |
| Screen (필드형식) | acc. to dimension: pairs screened with tinned copper braid |
| Inner sheath (중피) | special Polymer |
| Stranding (도체연선) | cores or pairs |
| Stranding (도체연선) | cores/pairs twisted together in layers |
| Wrapping | one non-woven tape or non-woven tape and PETP foil |
| Screen (필드형식) | tinned copper braiding |
| Wrapping | non-woven tape |
| Sheath material (외피재질) | TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface |
| Sheath colour (외피색상) | green (RAL 6018) |

Technical data (기술사양)

| | |
|--|--|
| Peak operating voltage (최고사용전압) | max.30V |
| Voltage UL | 30V |
| Testing voltage U (테스트전압) | 750V |
| Min. bending radius (곡률반경) | |
| fixed laying | 5 x d |
| flexible application | 10 x d |
| continuously flexible | 12 x d |
| Radiation resistance (내방사성) | 5 x 10 ⁷ cJ/kg |
| Temperature range (사용온도) | UL : UP TO +80°C |
| fixed laying | -40 / +70°C |
| flexible application | -20 / +70°C |
| Oil resistance (내유성) | very good – TMPU acc. to DIN VDE 0282 part 10+ HD 22.10 |
| Chem. resistance (내화학성) | good against acids, alkalines, solvents, hydraulic liquids etc. |
| Weather resistance (내후성) | very good |

Outstanding features (특징)

- ▶ good EMC characteristics (탁월한 EMC기능)
- ▶ flexible installation
- ▶ oil resistant (내유성)
- ▶ long service life (장수명보장)
- ▶ adhesion-free installation (피복 마모성 강화)
- ▶ halogen-free (할로겐 프리)
- ▶ labs uncritical (에네멜 내습성 강화)
(labs = enamel moisturing interfering substances)



리졸버 + 엔코더용

| item no. | dimensions | sheath colour | largest single wire Ø mm | outer-Ø mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|---|---------------|--------------------------|------------|---------------------|----------------------|
| 08390114 | 3 x (2 x 0,14) D + 2 x (0,50) D | green | 0,11/0,16 | 9,0 ± 0,4 | 71,4 | 96 |
| 08390214 | 3 x (2 x 0,14) D + 4 x 0,14 + 2 x 0,50 | green | 0,11/0,16 | 8,8 ± 0,4 | 63,7 | 97 |
| 08391050 | 3 x (2 x 0,14) D + 4 x 0,14 + 4 x 0,22 + 2 x 0,50 | green | 0,11/0,16 | 9,5 ± 0,4 | 79,0 | 111 |
| 08390138 | 4 x 2 x 0,38 + 4 x 0,50 | green | 0,11/0,16 | 8,9 ± 0,4 | 76,3 | 106 |
| 08390118 | 4 x 0,18 | green | 0,11 | 4,9 ± 0,4 | 18,9 | 28 |
| 08390218 | 4 x 2 x 0,18 | green | 0,11 | 6,3 ± 0,4 | 30,8 | 47 |
| 08390318 | 8 x 2 x 0,18 | green | 0,11 | 7,8 ± 0,4 | 48,0 | 74 |
| 08390122 | 12 x 0,22 | green | 0,11 | 6,9 ± 0,4 | 42,5 | 62 |

Other dimensions and colours are possible on request.

Note

✓ EMC기능 강화

✓ Halogen-free



Thomas Cable