

Technical data sheet - LÜTZE ELECTRONIC LiY (C) Y TP

Shielded electronic cable, paired

PVC electronic cables · shielded



| | | |
|-----------------------|----------|------------|
| Identification | Type | (5×2×0.25) |
| | Part-No. | 118195 |

Use/Area of application

| | |
|-------------|--|
| Application | <ul style="list-style-type: none">• For interference-free transmission in all areas of electronics, measuring, monitoring and control technology• In low voltage switchgear, communications engineering• In dry and moist rooms• For flexible use with free movement without tensile load |
| Properties | <ul style="list-style-type: none">• PVC Flame-retardant, self-extinguishing• Very good shielding attenuation• High crosstalk attenuation through twisted pairs• Largely resistant to oils, greases, acids and alkalis• Silicone free• RoHS-compliant |

Technical data

| | | |
|-----------------------|------------------------|------------------|
| Operating capacitance | approx. 120 – 150 pF/m | |
| Rated voltage | 300 V | |
| Nominal voltage | 300 V | |
| Test voltage | 1200 V | |
| Insulation resistance | min. 20 MΩ × km | |
| Temperature range | moving | -5 °C to +70 °C |
| | fixed | -30 °C to +70 °C |

09.08.2014 – Subject to technical modification

Part-No. 118195

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

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| | | |
|------------------------|---|--------|
| Minimum bending radius | moving | D × 15 |
| | fixed | D × 6 |
| Jacket material | PVC | |
| Burning behavior | Flame-retardant according to VDE 0482 part 265-2; DIN EN 50265-2; IEC 60332-1 | |
| Outer-Ø | 7.9 approx. mm | |
| Weight | 8.8 kg/100 m | |
| Cu-Index | 5.0 kg/100 m | |

Design

| | |
|------------------------------------|---|
| Number of conductors/cross-section | (5×2×0.25) |
| Conductor structure | Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5 |
| Conductor insulation | Special PVC conductor insulation |
| Conductor labelling | Conductors colour-coded according to DIN 47100 |
| Stranding | Conductors stranded pairs, foil banding |
| Overall shield | Braid from tinned copper wire, optical covering ≥ 85 % |
| Outer jacket | Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface |
| Jacket colour | grey RAL 7032 |

General

| | |
|------|--|
| Note | CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC |
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Logo



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