

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable



PVC electronic cables · unshielded

| | | |
|-----------------------|----------|-------------|
| Identification | Type | LIYY 16×0,5 |
| | Part-No. | 100948 |

Use/Application/Characteristics

| | |
|-----------------|---|
| Application | <ul style="list-style-type: none">• In all areas of electronics, measuring, control and regulation technologies• In low voltage switchgears, communications engineering• In dry and damp rooms• For flexible application for free movement and without tensile loading |
| Characteristics | <ul style="list-style-type: none">• PVC Flame-retardant, self-extinguishing• Resistant to most oils, greases, acids and alkalis• Silicone free• RoHS-compliant |

Construction

| | |
|------------------------------------|-----------------------|
| Description | ELETRONIC LIYY |
| Number of conductors/cross-section | 16×0.5 |
| Jacket material | Special PVC |
| Jacket color | grey RAL 7001 |
| Outer Ø | 10.2 mm |
| Surface | adhesion-free matt |
| Separating agent | Talcum |
| Weight | 15.2 kg/100 m |

26.01.2017 – Subject to technical modification

Part-No. 100948

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



SYSTEMATIC TECHNOLOGY

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Cu-Index 7.7 kg/100 m

Element 1

Element construction 16×0,5
Conductor CU-wire bare
Conductor category IEC 60228, Class 5
Finely stranded DIN VDE 0295
DIN EN 13602
Conductor marking Colour coded
Conductor marking standard DIN 47100
Conductor insulation Special PVC

overall construction

Overall stranding stranded layers
Jacket characteristics Flame-retardant
self-extinguishing
Oil resistant
grease-resistant
acid-resistant.
alkali-resistant
Silicone-free

Technical data

Rated voltage U_0/U 500 V
Test voltage type AC 2000 V
Temperature range moving -5 °C ... +70 °C
Temperature range fixed -30 °C ... +70 °C
Minimum bending radius moving 12×D
Minimum bending radius fixed 4×D

Element 1

Element construction 16×0,5
Insulation resistance at 20°C 20.0 MΩ×km
Operating capacitance Ader-Ader 120 pF/m

Approvals/Standards

Conformity CE
RoHS
Burning behavior IEC 60332-1
DIN EN 60332-1-2
VDE 0482 322-1-2

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General

Note

CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Symbols



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