

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable



PVC electronic cables · unshielded

Identification	Type	LIYY 10×0,14
	Part-No.	110005

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	10×0.14
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	5.2 mm
Surface	adhesion-free matt
Separating agent	Talcum
Weight	3.5 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 110005

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

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable

Cu-Index 1.3 kg/100 m

Element 1

Element construction 10×0,14
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 300 V
Test voltage type AC 1200 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 10×0,14
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

26.01.2017 – Subject to technical modification

Part-No. 110005

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

Technical data sheet · LÜTZE ELECTRONIC LiYY Unshielded electronic cable

General

Note

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

Symbols



26.01.2017 – Subject to technical modification

Part-No. 110005

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