

Technical data sheet · LÜTZE ELECTRONIC LiYY

Unshielded electronic cable



PVC electronic cables · unshielded

Identification	Type	LiYY 4×0,34
	Part-No.	110123

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	4×0.34
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	4.8 mm
Surface	adhesion-free matt
Separating agent	Talcum
Weight	4 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 110123

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 4×0,34
Conductor construction 7×0,25
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 4×0,34
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. 110123

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. 110123

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