

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable



PVC electronic cables · unshielded

Identification	Type	LIYY 12×0,14
	Part-No.	110006

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	12×0.14
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	5.6 mm
Surface	adhesion-free matt
Separating agent	Talcum
Weight	4.3 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 110006

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SYSTEMATIC TECHNOLOGY

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Cu-Index 1.6 kg/100 m

Element 1

Element construction 12×0,14
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 12×0,14
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

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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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