

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable



PVC electronic cables · unshielded

Identification	Type	LIYY 18×0,14
	Part-No.	110009

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	18×0.14
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	6.4 mm
Surface	adhesion-free matt
Separating agent	Talcum
Weight	5.7 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 110009

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Cu-Index 2.4 kg/100 m

Element 1

Element construction 18×0,14
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 18×0,14
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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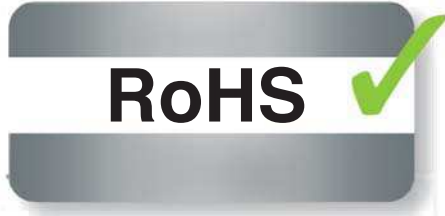
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General

Note

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

Symbols



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