

Technical data sheet · LÜTZE ELECTRONIC LIYY

Unshielded electronic cable



PVC electronic cables · unshielded

Identification	Type	LIYY 3×0,34
	Part-No.	110122

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	3×0.34
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	4.4 mm
Surface	adhesion-free matt
Separating agent	Talcum
Weight	3 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 110122

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SYSTEMATIC TECHNOLOGY

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Cu-Index	1 kg/100 m
Element 1	
Element construction	3×0,34
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	3×0,34
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

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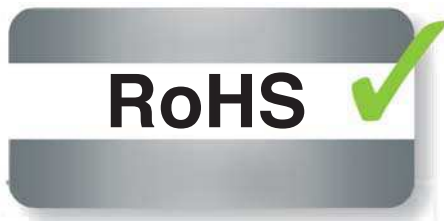
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General

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

Symbols



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