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

Symbols

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