

Technical data sheet · LÜTZE ELECTRONIC LIY (C) Y

Shielded electronic cable

PVC electronic cables · shielded



Identification	Type	LIY(C)Y(16×0,34)
	Part-No.	101280

Use/Application/Characteristics

Application	<ul style="list-style-type: none">• For interference-free transmission in all areas of electronics, measuring, control and regulation technology• In low voltage switchgears and 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• High active and passive interference resistance (EMC)• Resistant to most acids and alkalis• Silicone free• RoHS-compliant

Construction

Description	ELECTRONIC LIY (C) Y
Number of conductors/cross-section	(16×0.34)
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer Ø	9.2 mm
Surface	adhesion-free matt
Weight	14.7 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 101280

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Cu-Index 8.7 kg/100 m

Element 1

Element construction	(16×0,34)
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	Conductors stranded layers
Overall wrapping	Foil taping
Overall shield	Braid shield Tinned copper wires optical cover approx. 80%
Jacket characteristics	Flame-retardant self-extinguishing Silicone-free grease-resistant acid-resistant. alkali-resistant Oil resistant

Technical data

Rated voltage	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	15×D
Minimum bending radius fixed	6×D

Element 1

Element construction	(16×0,34)
Insulation resistance at 20°C	20.0 MΩ×km
Operating capacitance wire-shield	160 pF/m

Approvals/Standards

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SYSTEMATIC TECHNOLOGY

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Shielded electronic cable

Conformity	CE RoHS
Burning behavior	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2

General

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

Symbols



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