

Technical data sheet

PVC electronic cables · unshielded

LÜTZE ELECTRONIC LiYY

Unshielded electronic cable UL recognized



Identification

Type LIYY 2×0,14
Part No. [108600](#)

Product version

Datasheet version 00

Use/Application/Properties

- Application
- In all areas of electronics, measuring, monitoring and regulation technologies
 - In low voltage switchgear, communications engineering
 - In dry and damp rooms
 - For flexible application for free movement and without tensile loading
- Properties
- Minimal cable diameter through thin-walled PVC conductor insulation according to UL
 - Outer jacket special-PVC Class 43 according to UL
 - Very good oil resistance
 - Largely resistant to acids and bases
 - Silicone free

Construction

Description ELETRONIC LiYY
Number of conductors/cross-section 2×0.14
Number of conductors 2
Cross-section, metric 0.14 mm²
Jacket material Special PVC
Jacket color grey similar to RAL 7001
Outer Ø 3.7 mm
Outer Ø 0.15 inch
Tolerance ±0.2 mm
Weight 1.5 kg/100 m

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)
www.luetze.de • info@luetze.de

31.08.2022 • Subject to technical modification

Part No. [108600](#) • Datasheet version: 00

page 1 of 3



SYSTEMATIC TECHNOLOGY

Technical data sheet

PVC electronic cables · unshielded

Separating agent	Talcum
Weight	10.2 Lbs/Mft
Cu-Index	0.28 kg/100 m
Cu-Index	1.9 Lbs/Mft

Construction Element 1

Element construction	2×0.14
Conductor	CU-wire bare
Conductor category	IEC 60228, Class 5 Finely stranded DIN VDE 0295 Class 5
Conductor marking	Color coded
Conductor marking standard	DIN 47100
Conductor insulation	Special PVC

Overall construction

Overall stranding	layered construction
Jacket characteristics	Flame-retardant Oil resistant acid-resistant alkali-resistant Silicone-free

Technical data

Rated voltage	300 V
Test voltage type	AC 2000 V
Temperature according to UL	80 °C
Temperature range moving	-10 °C ... +70 °C
Temperature range fixed	-40 °C ... +80 °C
Minimum bending radius moving	12×D
Minimum bending radius fixed	5×D

Technical Data Element 1

Element construction	2×0.14
Insulation resistance at 20 °C	≥20 MΩ×km
Operating capacitance wire-wire	approx.90 pF/m

Certifications/Standards

Certifications	cURus
UL style	AWM 2464
Conformity	CE RoHS REACH

Technical data sheet

PVC electronic cables · unshielded

Burning behavior according to IEC 60332-1
DIN EN 60332-1-2
VDE 0482 322-1-2
UL 1581 part VW-1 Flame Test
UL FT1

General

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