

Technical data sheet · LÜTZE ELECTRONIC PLTC PVC with UL/CE/PTLC Approvals



Flexible electronic cable · Unshielded

Identification	Type	LiYY PLTC PVC 25×AWG16
	Part-No.	A3031625

Use/Application/Characteristics

Application	• Industrial grade PLTC electronic cable for machine tools, process instrumentation and controls, computer peripherals, HVAC technology, assembly and production lines, low voltage interconnect and other industrial applications including installation in cable trays
Characteristics	• Flexible for easy installation • Easy strip design • Color coded conductors • Specially formulated jacket for oil resistance • Premium durability • Extended temperature range • UL listed and NFPA 79 compliant

Construction

Description	ELECTRONIC PLTC PVC
Number of conductors/cross-section	25×AWG16
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	17 mm
Outer Ø	0.669 inches
Weight	336 Lbs/Mft

14.08.2018 – Subject to technical modification

Part-No. A3031625

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

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

Technical data sheet · LÜTZE ELECTRONIC PLTC PVC with UL/CE/PTLC Approvals

Cu-Index 204 Lbs/Mft

Element 1

Element construction	AWG16/25C
Conductor construction	AWG 16 (26/30)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	fine wire
Conductor marking	black red white green orange blue brown yellow violet grey pink tan red/green red/yellow red/black white/black white/red white/green white/yellow white/blue white/brown white/orange white/grey white/violet white/black/red
Conductor insulation	SR-PVC

overall construction

Jacket characteristics	Flame-retardant Oil resistant Silicone-free
------------------------	---

Technical data

Rated voltage UL	300 V
Temperature range fixed	-25 °C ... +105 °C
Minimum bending radius fixed	4×D

14.08.2018 – Subject to technical modification

Part-No. A3031625

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

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



SYSTEMATIC TECHNOLOGY

Technical data sheet · LÜTZE ELECTRONIC PLTC PVC with UL/CE/PTLC Approvals

Element 1

Element construction AWG16/25C

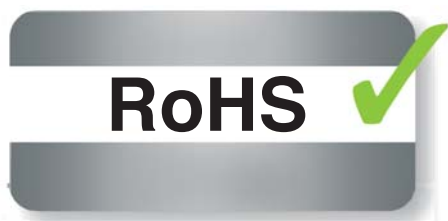
Approvals/Standards

Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 (PLTC use only)
UL style	AWM 2464
Conformity	CE REACH RoHS
Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

General

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

Symbols



14.08.2018 – Subject to technical modification

Part-No. A3031625

USA: LÜTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

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



SYSTEMATIC TECHNOLOGY