

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



Flexible electronic cable · Unshielded

Identification	Type	LIYY 2×AWG20 UL/CE/PLTC
	Part-No.	A3032002

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	2×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	4.9 mm
Outer Ø	0.195 inches
Weight	21 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3032002

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

Cu-Index 7 Lbs/Mft

Element 1

Element construction AWG20/2C
Conductor construction AWG 20 (19/32)
Conductor AWG conductor
CU-wire tin-plated
Conductor category feindrähtig
Conductor marking 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

Element 1

Element construction AWG20/2C

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

24.03.2017 – Subject to technical modification

Part-No. A3032002

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

Note

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

Symbols



24.03.2017 – Subject to technical modification

Part-No. A3032002

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