

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



Flexible electronic cable · Shielded

Identification	Type	LIY(C)Y (6×AWG20) UL/CE/PLTC
	Part-No.	A3132006

Use/Application/Characteristics

Application	• Double shielded 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 (C) PLTC PVC
Number of conductors/cross-section	6×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	7.2 mm
Outer Ø	0.284 inches
Weight	64 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3132006

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 (C) PLTC PVC with UL/CE/PTLC Approvals

Cu-Index 37 Lbs/Mft

Element 1

Element construction	AWG20/6C
Conductor construction	AWG 20 (19/32)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	feindrähtig
Conductor marking	black red white green orange blue
Conductor insulation	SR-PVC

overall construction

Drain wire	CU-wire tin-plated
Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires
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	6×D

Element 1

Element construction	AWG20/6C
----------------------	----------

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

24.03.2017 – Subject to technical modification

Part-No. A3132006

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 (C) PLTC PVC with UL/CE/PTLC Approvals

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



24.03.2017 – Subject to technical modification

Part-No. A3132006

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