

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



Flexible electronic cable · Shielded

Identification	Type	LIY(C)Y (15×AWG20) PLTC
	Part-No.	A3132015

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	15×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	10.3 mm
Outer Ø	0.404 inches
Weight	128 Lbs/Mft

25.09.2018 – Subject to technical modification

Part-No. A3132015

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SYSTEMATIC TECHNOLOGY

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Cu-Index 76 Lbs/Mft

Element 1

Element construction	AWG20/15C
Conductor construction	AWG 20 (19/32)
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
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	-40 °C ... +105 °C
Minimum bending radius fixed	4×D

Element 1

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Approvals/Standards

Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 per NEC Art. 336, 392, 501, 502 (PLTC use only)
UL style	AWM 2464
Conformity	CE RoHS REACH
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
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Symbols



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