

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



Flexible electronic cable · Shielded

Identification	Type	LIY(C)Y (20×AWG20) UL/CE/PLTC
	Part-No.	A3132020

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	20×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	10.9 mm
Outer Ø	0.43 inches
Weight	157 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3132020

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SYSTEMATIC TECHNOLOGY

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Cu-Index	97 Lbs/Mft
Element 1	
Element construction	AWG20/20C
Conductor construction	AWG 20 (19/32)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	feindrähtig
Conductor marking	black red white green orange blue brown yellow violet grey pink tan red/green red/yellow pink/black white/black white/red white/green white/yellow white/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

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Element 1

Element construction AWG20/20C

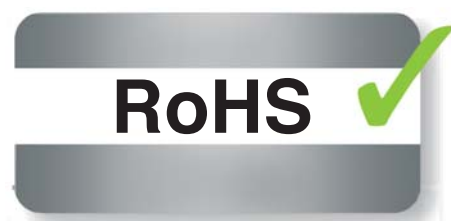
Approvals/Standards

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



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