

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



Flexible electronic cable · Unshielded

Identification	Type	LIYY 20×AWG22 UL/PLTC
	Part-No.	A3032220

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	20×AWG22
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	9 mm
Outer Ø	0.353 inches
Weight	90 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3032220

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SYSTEMATIC TECHNOLOGY

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Cu-Index	47 Lbs/Mft
Element 1	
Element construction	AWG22/20C
Conductor construction	AWG 22 (19/34)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	feindrähtig
Conductor marking	black brown red orange yellow green blue violet grey white white/black white/brown white/red white/orange white/yellow white/green white/blue white/violet white/grey white/black/brown
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	AWG22/20C
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Approvals/Standards

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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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