

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



Flexible electronic cable · Unshielded

Identification	Type	LIYY 3×AWG22 UL/PLTC
	Part-No.	A3032203

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	3×AWG22
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	4.6 mm
Outer Ø	0.18 inches
Weight	21 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3032203

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SYSTEMATIC TECHNOLOGY

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Cu-Index 7 Lbs/Mft

Element 1

Element construction AWG22/3C
Conductor construction AWG 22 (19/34)
Conductor AWG conductor
CU-wire tin-plated
Conductor category feindrähtig
Conductor marking black
brown
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 4xD

Element 1

Element construction AWG22/3C

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

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General

Note

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

Symbols



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