

## Technical data sheet

Flexible Electronic Cable (C) PLTC PVC · Shielded

### LUTZE ELECTRONIC (C) PLTC PVC For Stationary Applications



#### Identification

Type LIY(C)Y (3×AWG22) PLTC  
Part No. [A3132203](#)

#### Product version

Datasheet version 00

#### Use/Application/Properties

- Application
- Multi-conductor industrial grade PLTC electronic cable
  - Machine tools, machine and plant construction, VAC technology as well as other uses.
  - Compliant with NFPA 79 requirements
  - PLTC for installation in cable trays
- Properties
- Flexible for easy installation
  - Easy strip design
  - Color coded conductors
  - Specially formulated jacket for oil resistance
  - Premium durability
  - Extended temperature range
  - Sunlight resistant
  - Gas/vapor-tight sheath per UL 1277
  - Talc free and silicone free
  - Ecolab certified resistance to common cleaning agents and chemicals used in food and beverage washdown procedures

#### Construction

Description ELECTRONIC (C) PLTC PVC  
Number of conductors/cross-section 3×AWG22  
Number of conductors 3  
Cross-section, metric 0.34 mm<sup>2</sup>  
Cross-section AWG AWG 22  
Jacket material PVC

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Jacket color	grey similar to RAL 7001
Outer Ø	5.2 mm
Outer Ø	0.205 inch
Weight	32 Lbs/Mft
Cu-Index	15 Lbs/Mft

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#### Construction Element 1

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Element construction	AWG22/3C
Conductor construction	AWG 22 (19/34)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	fine wire
Conductor marking	black · brown · red
Conductor insulation	SR-PVC

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#### Overall construction

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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

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#### Technical data

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Rated voltage UL	300 V
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	4×D

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#### Technical Data Element 1

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Element construction	AWG22/3C
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#### Certifications/Standards

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Certifications	PLTC UL Type CM AWM II A/B Meets NEC 392,800 Class I and II, Div. 2 Class 1 Div. 2 per NEC 501, 502, 505 (PLTC use only) UL Type 13
UL style	AWM 2464

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Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

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#### General

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