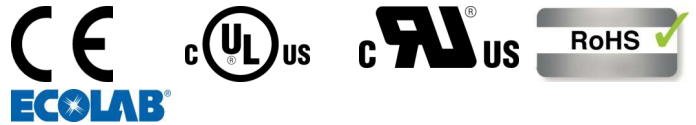


## Technical data sheet

Flexible Electronic Cable (C) PLTC PVC · Shielded

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



### Identification

Type LIY(C)Y (15×AWG20) PLTC  
Part No. [A3132015](#)

### 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	15×AWG20
Number of conductors	15
Cross-section, metric	0.5 mm <sup>2</sup>
Cross-section AWG	AWG 20
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	10.3 mm
Outer Ø	0.404 inch
Weight	128 Lbs/Mft
Cu Index	76 Lbs/Mft

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13.04.2023 • Subject to technical modification  
Part No. [A3132015](#) • Datasheet version: 00

## Technical data sheet

### Flexible Electronic Cable (C) PLTC PVC · Shielded

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#### Construction Element 1

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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

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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×cable OD

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#### Technical Data Element 1

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Element construction	AWG20/15C
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#### Approvals/Standards

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Approvals	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
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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## Technical data sheet

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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