

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 ²
Cross-section AWG	AWG 22
Jacket material	PVC
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

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

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	-40 °C ... +105 °C
Minimum bending radius fixed	4×cable OD

Technical Data Element 1

Element construction	AWG22/3C
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Approvals/Standards

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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General

Note

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