

## Technical data sheet

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

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



#### Identification

Type LIY(C)Y (8×AWG22) PLTC  
Part No. [A3132208](#)

#### Product version

Datasheet version 00

#### Use/Application/Properties

- |             |  |
|-------------|--|
| Application | <ul style="list-style-type: none"><li>• Multi-conductor industrial grade PLTC electronic cable</li><li>• Machine tools, machine and plant construction, VAC technology as well as other uses.</li><li>• Compliant with NFPA 79 requirements</li><li>• PLTC for installation in cable trays</li></ul>   |
| Properties  | <ul style="list-style-type: none"><li>• Flexible for easy installation</li><li>• Easy strip design</li><li>• Color coded conductors</li><li>• Specially formulated jacket for oil resistance</li><li>• Premium durability</li><li>• Extended temperature range</li><li>• Sunlight resistant</li><li>• Gas/vapor-tight sheath per UL 1277</li><li>• Talc free and silicone free</li><li>• Ecolab certified resistance to common cleaning agents and chemicals used in food and beverage washdown procedures</li></ul> |

#### Construction

Description	ELECTRONIC (C) PLTC PVC
Number of conductors/cross-section	8×AWG22
Number of conductors	8
Cross-section, metric	0.34 mm <sup>2</sup>
Cross-section AWG	AWG 22
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	6.7 mm
Outer Ø	0.263 inch
Weight	55 Lbs/Mft
Cu Index	30 Lbs/Mft

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#### Construction Element 1

Element construction	AWG22/8C
Conductor construction	AWG 22 (19/34)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	fine wire
Conductor marking	black · brown · red · orange · yellow · green · blue · violet
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	AWG22/8C
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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

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##### Note

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