

## Technical data sheet

### Flexible Control Cable for Stationary Applications · Unshielded

#### LUTZE SILFLEX® N PVC



#### Identification

Type	SI N PVC 12GAWG14
Part No.	<a href="#">108384A</a>

#### Product version

Datasheet version	00
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#### Use/Application/Properties

Application	<ul style="list-style-type: none"><li>• Machine tools, machine and plant construction, VAC technology as well as other uses.</li><li>• Compliant with NFPA 79, Article 12.9</li></ul>
Properties	<ul style="list-style-type: none"><li>• Specially formulated gray PVC jacket for oil resistance</li><li>• Most flexible design without Nylon for easy stripping and easy installation</li><li>• Easy routing and bending due to flexibility</li><li>• Easy strip design especially suited for cable assemblies</li><li>• Resistance to many oils, coolants and solvents</li><li>• Non-wicking fillers</li><li>• Talc free and silicone free</li></ul>

#### Construction

Description	SILFLEX® N PVC
Number of conductors/cross-section	12×AWG14
Number of conductors	12
Cross-section, metric	2.5 mm <sup>2</sup>
Cross-section AWG	AWG 14
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	16.9 mm
Outer Ø	0.666 inch
Weight	307 Lbs/Mft
Cu-Index	153 Lbs/Mft

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03.07.2023 • Subject to technical modification

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SYSTEMATIC TECHNOLOGY

## Technical data sheet

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#### Construction Element 1

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Element construction	AWG14/12C
Conductor construction	AWG 14 (41/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire Class K
Conductor marking	black · with white number print · green/yellow
Conductor insulation	PVC

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#### Overall construction

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Jacket characteristics	Flame-retardant Oil resistant mineral oil-resistant coolant-resistant solvent-resistant Silicone-free
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#### Technical data

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Rated voltage $U_N$	600 V UL AWM 90 °C
Temperature range fixed	-40 °C ... +90 °C
Minimum bending radius fixed	4×D

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#### Technical Data Element 1

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Element construction	AWG14/12C
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#### Certifications/Standards

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Certifications	cURus AWM I/II A/B FT4
UL style	AWM 2587
Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1
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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