

Technical data sheet

Flexible Control Cable for Stationary Applications · Unshielded

LUTZE SILFLEX® N PVC



Identification

Type	SI N PVC 4GAWG14
Part No.	108381A

Product version

Datasheet version	00
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Use/Application/Properties

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

Construction

Description	SILFLEX® N PVC
Number of conductors/cross-section	4×AWG14
Number of conductors	4
Cross-section, metric	2.5 mm ²
Cross-section AWG	AWG 14
Jacket material	PVC
Jacket color	grey similar to RAL 7001
Outer Ø	9.8 mm
Outer Ø	0.384 inch
Weight	103 Lbs/Mft
Cu-Index	51 Lbs/Mft

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SYSTEMATIC TECHNOLOGY

Technical data sheet

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Construction Element 1

Element construction	AWG14/4C
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

Overall construction

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

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

Technical Data Element 1

Element construction	AWG14/4C
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Certifications/Standards

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

General

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