Technical data sheet

Flexible Control Cable for Stationary Applications · Unshielded

LUTZE SILFLEX® N PVC









Identification

SIN PVC 12GAWG14 Type

Part No. 108384A

Product version

Datasheet version 00

Use/Application/Properties

Application · Machine tools, machine and plant construction, VAC technology as well

as other uses.

· Compliant with NFPA 79, Article 12.9

· Specially formulated gray PVC jacket for oil resistance **Properties**

· 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

12×AWG14 Number of conductors/cross-section

Number of conductors 12

Cross-section, metric 2.5 mm² Cross-section AWG **AWG 14 PVC** Jacket material

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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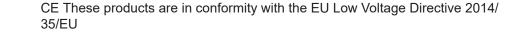
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Construction Element 1	
Element construction	AWG14/12C
Conductor construction	AWG 14 (41/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire Class K
Conductor marking	black • with white number print • green/yellow
Conductor insulation	PVC
Overall construction	
Jacket characteristics	Flame-retardant Oil resistant mineral oil-resistant coolant-resistant solvent-resistant Silicone-free
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	AWG14/12C
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	





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Note