

Technical data sheet · LÜTZE SILFLEX® N PVC with UL/CE Approvals



Flexible Control Cable · Unshielded

Identification	Type	SI N PVC 5GAWG18
	Part-No.	108359A

Use/Application/Characteristics

Application	• Multi-conductor cable for machine tools, handling equipment, machine and plant construction, transport and conveying technology • Easy strip design specially suited for cable assemblies
Characteristics	• Most flexible design without Nylon for easy stripping and easy installation • Easy routing and bending due to flexibility • Specially formulated gray PVC jacket for oil resistance • Resistant to mineral oils, coolants and solvents • Non-wicking fillers

Construction

Description	SILFLEX® N PVC
Number of conductors/cross-section	5×AWG18
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	7.7 mm
Outer Ø	0.305 inches
Weight	63 Lbs/Mft
Cu-Index	25 Lbs/Mft

Element 1

14.08.2018 – Subject to technical modification

Part-No. 108359A

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SYSTEMATIC TECHNOLOGY

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Element construction	AWG18/5C
Conductor construction	AWG 18 (16/30)
Conductor	AWG conductor CU-wire bare
Conductor category	fine wire
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
Temperature range fixed	-40 °C ... +90 °C
Minimum bending radius fixed	4×D

Element 1

Element construction	AWG18/5C
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Approvals/Standards

Approvals	cURus AWM I/II A/B FT4
UL style	AWM 2587
Conformity	CE RoHS REACH
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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Symbols



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