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

Flexible Control Cable · Unshielded

Identification	Type	AWG18/18C
	Part-No.	108362A

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	18×AWG18
Jacket material	PVC
Jacket color	grey RAL 7001
Outer ∅	13.8 mm
Outer ∅	0.543 inches
Weight	198 Lbs/Mft
Cu-Index	90 Lbs/Mft

Element 1

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Element construction	AWG18/18C
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

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

Element 1

Element construction	AWG18/18C

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

Symbols

28.04.2017 – Subject to technical modification

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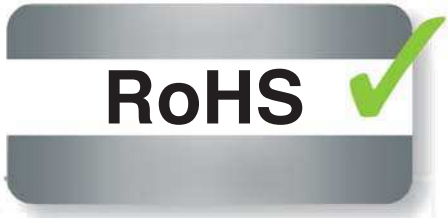

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