

Technical data sheet - LÜTZE SILFLEX® N PVC

PVC control cables - unshielded



Identification	Type	SI N PVC 3G0,5
	Part-No.	100364T
Use/Application/Properties		
Application	<ul style="list-style-type: none">• Machine and device construction, transport and conveyor technology, HVAC technology• In dry and damp rooms• As a monitoring, measurement and control cable for industrial applications• For flexible application without continuous flexing	
Properties	<ul style="list-style-type: none">• PVC Flame-retardant, self-extinguishing• Resistant to most oils, greases, acids and alkalis• Silicone free• RoHS-compliant	
Construction		
Description	SILFLEX® N PVC	
Number of conductors/cross-section	3G0.5	
Jacket material	Special PVC	
Jacket color	grey RAL 7001	
Outer Ø	5.2 mm	
Surface	adhesion-free matt	
Weight	4.1 kg/100 m	
Cu-Index	1.4 kg/100 m	

19.03.2018 – Subject to technical modification

Part-No. 100364T

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SYSTEMATIC TECHNOLOGY

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Element 1

Element construction	3G0.5
Conductor	CU-wire bare
Conductor category	IEC 60228, Class 5 Finely stranded DIN VDE 0295 Class 5
Conductor marking	black with white number print green/yellow
Conductor insulation	Special PVC
Conductor insulation standard	EN 50363-3

overall construction

Overall stranding	layered construction
Jacket characteristics	Flame-retardant self-extinguishing Oil resistant grease-resistant alkali-resistant acid-resistant. Silicone-free

Technical data

Rated voltage U_0/U	300/500 V
Test voltage type	AC 3000 V
Temperature range moving	-15 °C ... +70 °C
Temperature range fixed	-40 °C ... +80 °C
Minimum bending radius moving	10×D
Minimum bending radius fixed	4×D

Element 1

Element construction	3G0.5
Insulation resistance at 20 °C	20 MΩ×km
Operating capacitance wire-wire	121 pF/m

Approvals/Standards

Conformity	CE RoHS REACH
Burning behavior according to	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2

General

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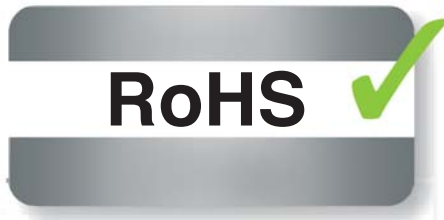
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Note

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

Logo



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