

# Technical data sheet - LÜTZE-SILFLEX® N PVC

PVC control cables · unshielded



<b>Identification</b>	Type	12G0,5
	Part-No.	100370

## Use/Area of application

Application	<ul style="list-style-type: none"><li>• Machine and device construction, transport and conveyor technology, heating, climate technology</li><li>• In dry and moist rooms</li><li>• As control, measurement and regulation cable for medium operating conditions</li><li>• For flexible application without compulsory guide</li></ul>
Properties	<ul style="list-style-type: none"><li>• PVC Flame-retardant, self-extinguishing</li><li>• Largely resistant to oils, greases, acids and alkalis</li><li>• Silicone free</li><li>• RoHS-compliant</li></ul>

## Technical data

Voltage	U <sub>0</sub> /U	300/500 V
Nominal voltage	300/500 V	
Test voltage	3000 V	
Insulation resistance	min. 20 MΩ × km	
Temperature range	moving	-5 °C to +70 °C
	fixed	-30 °C to +80 °C
Minimum bending radius	moving	D × 10
	fixed	D × 4
Jacket material	PVC	
Fire performance	Flame-retardant according to VDE 0482 part 265-2, DIN EN 50265-2, IEC 60332-1	

13.11.2013 – Subject to technical modification

Part-No. 100370

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Special version	K= cold resistant T= heat resistant	-30 °C to +70 °C 0 °C to +90 °C
Outer-∅	9.2 approx. mm	
Weight	12.2 kg/100 m	
Cu-Index	5.8 kg/100 m	

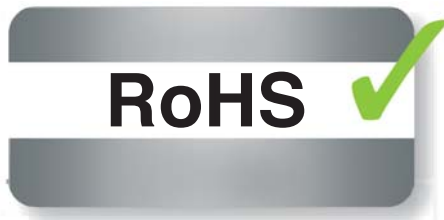
## Design

Number of strands/cross-section	12G0.5
Conductor structure	Bare copper braid, fine stranded according to DIN VDE 0295 class 5, IEC 60228 class 5
Conductor insulation	Special PVC conductor insulation
Conductor labelling	Conductors black with white number print according to DIN EN 50334
Ground conductor	green/yellow according to DIN EN 50334 in the top layer
Stranding	Conductors stranded layers
Outer jacket	Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
Jacket colour	grey RAL 7001

## General

Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC
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## Logo



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