

Technical data sheet - LÜTZE-SILFLEX® N

PVC control cables · unshielded



Identification	Type	40G0,5
	Part-No.	100380
Use/Area of application		
Application	<ul style="list-style-type: none">• Machine and device construction, transport and conveyor technology, heating, climate technology• In dry and moist rooms• As control, measurement and regulation cable for medium operating conditions• For flexible application without compulsory guide	
Properties	<ul style="list-style-type: none">• PVC flame-retardant, self-extinguishing• Widely resistant to oils, greases, acids and bases• Free from paint wetting disruptive substances (LABS-free), RoHS-compliant	
Technical data		
Voltage	U ₀ /U	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	according to VDE 0298 table 6	
Fire performance	Flame-retardant according to VDE 0482 part 265-2; DIN EN 50265-2; IEC 60332-1	
Special version	K= cold resistant	-30 °C to +70 °C
	T= heat resistant	0 °C to +90 °C
Number of strands/cross-section	40G0.5	

18.04.2012 – Subject to technical modification

Part-No. 100380

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Outer-Ø	16.0 approx. mm
Weight	38.6 kg/100 m
Cu-Index	19.2 kg/100 m

Design

Conductor structure	Bare copper wire, multi-strand 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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