

Technical data sheet · LÜTZE-SILFLEX® N

PVC control cables · unshielded



Identification	Type	7×25
	Part-No.	100476

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	
Burning behaviour	Flame-retardant according to VDE 0482 T 265-2-1	
Special version	K= cold resistant	-30 °C to +70 °C
	T= heat resistant	0 °C to +90 °C
Number of strands/cross-section	7×25	

23.11.2007 – Subject to technical modification

Part-No. 100476

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Outer-Ø	31.3 approx. mm
Weight	270.0 kg/100 m
Cu-Index	168.0 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 VDE 0293
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 EC Low Voltage Directive 73/23/EWG or 93/68/EWG LÜTZE-SILFLEX® is a registered trademark in the USA
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