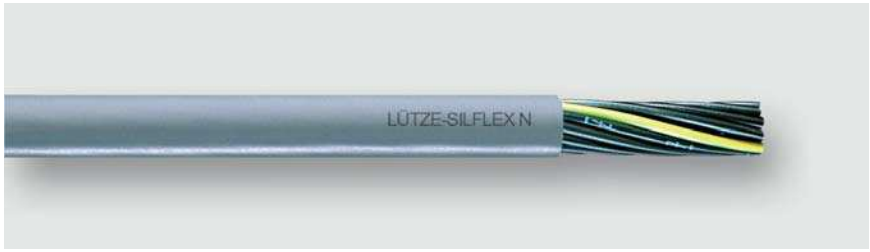
Technical data sheet · LÜTZE SILFLEX® N PVC



PVC control cables · unshielded

Identification	Type	SI N PVC 2×2,5
	Part-No.	118389

Use/Application/Characteristics	
Application	• 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
Characteristics	• PVC Flame-retardant, self-extinguishing • Resistant to most oils, greases, acids and alkalis • Silicone free • RoHS-compliant

Construction	
Description	SILFEX N PVC
Number of conductors/cross-section	2×2.5
Jacket material	Special PVC
Jacket color	grey RAL 7001
Outer ∅	7.7 mm
Surface	adhesion-free matt
Weight	9.9 kg/100 m
Cu-Index	4.8 kg/100 m

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SYSTEMATIC TECHNOLOGY

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Element 1	
Element construction	2×2,5
Conductor	CU-wire bare
Conductor category	IEC 60228, Class 5 Finely stranded DIN VDE 0295 DIN EN 13602
Conductor marking	black with white number print
Conductor insulation	Special PVC
Conductor insulation standard	VDE 0281-1 EN 50363-3
overall construction	
Overall stranding	stranded layers
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	2×2,5
Insulation resistance at 20°C	20.0 MΩ×km
Operating capacitance Ader-Ader	191 pF/m

Approvals/Standards	
Conformity	CE RoHS
Burning behavior	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2

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

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Symbols

CE

27.01.2017 – Subject to technical modification

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