Technical data sheet · LÜTZE SUPERFLEX® N PVC Multi
For high requirements

PVC control cables · C-track compatible · unshielded

Identification	Type	25G1,0
	Part-No.	A1381825

Use/Application/Characteristics	
Application	• Maschinen- und Apparatebau, Transport- und Fördertechnik, Heizung- und Klimatechnik • In trockenen und feuchten Räumen • Als Kontroll-, Mess- und Steuerleitung in industriellen Anwendungen • Zur Installation in Energieführungsketten mit ständig linearer Bewegung
Characteristics	• Very small cable diameters due to special TPE conductor insulation (HGI) according to UL standard • Reduced friction due to very smooth conductor insulation (HGI) for high mechanical loads • Flexibility ensured through superfine strand construction • Low capacitance, very good electrical properties • Especially developed PVC jacket according to UL class 43 • Filler without wicking • Low adhesion, Abrasion-resistant, Tear resistant • Hydrolysis-resistant, microbe-resistant, and rot-resistant • Use in dry or damp environment • Silicone free • RoHS-compliant

Technical data	
UL approval	AWM 20207

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SYSTEMATIC TECHNOLOGY

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Nominal voltage	600 V 80 °C	
Test voltage	3000 V	
Insulation resistance	min. 100 MΩ × km	
Temperature range	moving	-5 °C to +80 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	D × 7.5
	fixed	D × 4
Jacket material	PVC	
Burning behavior	Flame-retardant according to UL VW-1; DIN EN 50265-2-1	
OD-∅	0.594 inches	
Weight	243.2 Lbs/Mft	
Copper	119 Lbs/Mft	

Construction	
Number of strands/cross-section	25G1.0
Conductor structure	Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
Conductor insulation	Spezial-TPE, hochgleitend
Conductor marking	Conductors black with white number print according to DIN EN 50334
Ground conductor	green/yellow according to DIN EN 50334
Stranding	Conductors cabled without mechanical stress, pitch layer optimized
Banding	Non-woven material over the stranded cable
Outer jacket	Mantel Spezial-PVC nach VDE 0207 TM5 und UL class 43
Jacket color	gray RAL 7001

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

Symbols

c UL us

Low Capacitance

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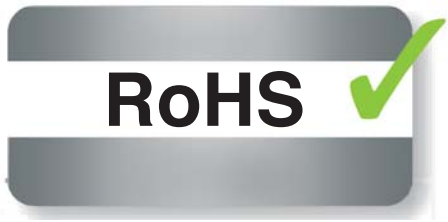

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