

Technical data sheet - LÜTZE SUPERFLEX® Profibus (C) PUR UL

For highest requirements



PUR Bus cables · Profibus · C-track compatible

Identification	Type	((1×2×AWG24/19)ST+3×0,75)C
	Part-No.	104275

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • For the cabling of industrial field bus systems like PROFIBUS DP, SINEC L2, F.I.P. • For continuous flexible use e.g. in c-tracks or free movement in automation technology, transport and conveyor technology, machine tool manufacture
Characteristics	<ul style="list-style-type: none"> • High active and passive interference resistance (EMC) • Silicone free • Halogen free • RoHS-compliant

Technical data

UL approval	60 °C 30 V	
Impedance	nom. 150 Ω	
Operating capacitance	<30 pF/m	
Rated voltage	300 V	
Nominal voltage	300 V	
Test voltage	1500 V	
Temperature range	moving	-30 °C to +70 °C
Minimum bending radius	moving	D × 7.5
	fast assembly FC	D × 15
Jacket material	PUR	

28.10.2014 – Subject to technical modification

Part-No. 104275

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SYSTEMATIC TECHNOLOGY

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Burning behavior	VW-1, FT 1 UL 1581, IEC 60332-1
Halogen-free	according to EN 50267-2-1
OD-Ø	0.386 inches
Loop resistance	<165 Ω/km
Weight	97.0 Lbs/Mft
Copper	44 Lbs/Mft

Construction

Number of strands/cross-section	((1×2×AWG24/19)ST+3×0.75)C
Strand colors	red/green, blue/black/greenyellow
Conductor structure	Bare copper braid
Cable structure	Braid according to AWG Braid AWG 24/19 = 0.64 mm Ø
Conductor insulation	Conductor insulation special polyolefin
Ground conductor	green/yellow according to DIN EN 50334
Static shield	ST foil shield
Overall shield	Braid from tinned copper wire, optical covering ≥ 85 %
Outer jacket	Special PUR, matt, adhesion-free surface
Jacket color	violet, RAL 4001

General

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



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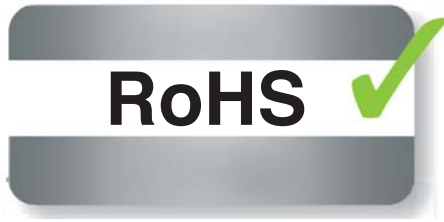
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