

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



PUR Bus conductors - C-track compatible

Identification	Type	(1×2×0.64/AWG24/19)StC
	Part-No.	104215
Use/Area of application		
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 	
Properties	<ul style="list-style-type: none"> • High active and passive interference resistance • Free from paint wetting disruptive substances (LABS-free), RoHS-compliant 	
Technical data		
Impedance	150 Ω ± 15 %	
Operating capacitance	<30 pF/m	
Voltage	Signal	250 V
Test voltage	Signal	1500 V
Temperature range	moving	-20 °C to +80 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	D × 15
	fixed	D × 7.5
Fire performance	Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	
Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2	

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Part-No. 104215

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SYSTEMATIC TECHNOLOGY

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Number of strands/cross-section	(1×2×0.64/AWG24/19)StC
Outer-Ø	7.8 approx. mm
Loop resistance	<133 Ω/km
Weight	6.5 kg/100 m
Cu-Index	3.0 kg/100 m

Design

Strand colours	red, green
Conductor structure	Bare copper wire
Cable structure	Braid according to AWG Braid AWG 24/19 = 0.64 mm Ø
Conductor insulation	Conductor insulation special polyolefin
Stranding	Stranding with filler
Static shield	ST static shield
Overall shield	Meshwork from tinned copper wire braid, optical covering ≥ 85 %
Outer jacket	Special PUR, matt, adhesion-free surface
Jacket colour	violet, RAL 4001

General

Note	Note on laying PVC C-track cables in chapter 2 of the catalogue TK1. Bus cables for robot applications see chapter on robot cables.
Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC

Logo



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