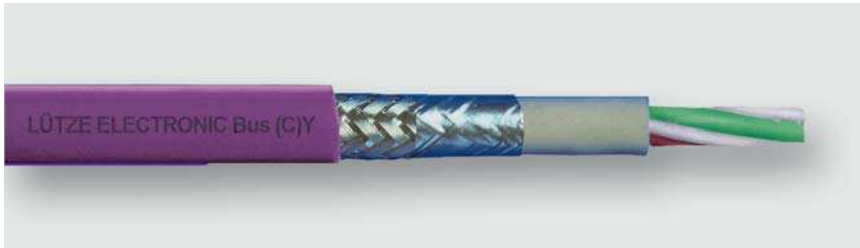


Technical data sheet · LÜTZE ELECTRONIC BUS (C) Profibus



Bus cables for Profibus

Identification	Type	(1×2×AWG22/7)StC UL
	Part-No.	104264
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. • With stranded conductor for moving use without compulsory guide in the 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 %	
Loop resistance	Braid AWG 22/7= 0.34 ²	<110 Ω/km
Operating capacitance	<30 pF/m	
Voltage	Signal	250 V
Test voltage	Signal	1500 V
Temperature range	moving	-5 °C to +70 °C
	fixed	-30 °C to +80 °C
Minimum bending radius	moving	D × 12
	fixed	D × 6
Fire performance	Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	
Approvals	UL listing CMG 75 °C (see article description UL)	

12.12.2012 – Subject to technical modification

Part-No. 104264

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SYSTEMATIC TECHNOLOGY

Technical data sheet · LÜTZE ELECTRONIC BUS (C) Profibus

Number of strands/cross-section	(1×2×0.64/AWG22/7)StC UL
Outer-Ø	7.8 approx. mm
Weight	6.7 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 AWG22/7 $0,34^2 = 0,75$ 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 ≥ 80 %
Outer jacket	Jacket special thermoplast, matt, adhesion-free surface
Jacket colour	violet RAL 4001

General

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



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