

Technical data sheet · LÜTZE ELECTRONIC BUS (C) Profibus



Bus cables for Profibus

Identification	Type	(1×2×0.64/AWG24/19)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 24/19= 0.24 ²	<155 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	Cable diameter × 12
	fixed	Cable diameter × 6
Burning behaviour	Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	
Approvals	UL approval 60 °C 30 V	

01.10.2009 – Subject to technical modification

Part-No. 104264

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

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Number of strands/cross-section	(1×2×0.64/AWG24/19)StC UL
Outer-∅	7.9 approx. mm
Weight	5.3 kg/100 m
Cu-Index	2.5 kg/100 m

Design

Strand colours	red, green
Conductor structure	Bare copper wire
Cable structure	Braid according to AWG Braid AWG24/19 $0.24^2 = 0.64 \text{ mm } \varnothing$
Conductor insulation	Conductor insulation special polyolefin
Stranding	Stranding with filler
Static shield	ST static shield
Overall shield	Galvanised copper wire braid, optical coverage $\geq 85 \%$
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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