

# Technical data sheet - LÜTZE ELECTRONIC BUS (C) Profibus



Bus cables for Profibus

<b>Identification</b>	Type	(1×2×0.64/AWG22/7)StC	
	Part-No.	104214	
<b>Use/Area of application</b>			
Application	<ul style="list-style-type: none"> <li>• For the cabling of industrial field bus systems like PROFIBUS DP, SINEC L2, F.I.P.</li> <li>• With stranded conductor for moving use without compulsory guide in the automation technology, transport and conveyor technology, machine tool manufacture</li> </ul>		
Properties	<ul style="list-style-type: none"> <li>• High active and passive interference resistance</li> <li>• Free from paint wetting disruptive substances (LABS-free), RoHS-compliant</li> </ul>		
<b>Technical data</b>			
Impedance	150 Ω ± 15 %		
Loop resistance	Braid AWG 22/7= 0.34 <sup>2</sup>	<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 T. 265-2-1; IEC 60332-1		
Number of strands/cross-section	(1×2×0.64/AWG22/7)StC		
Outer-∅	7.8 approx. mm		

18.04.2012 – Subject to technical modification

Part-No. 104214

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Weight	6.8 kg/100 m
Cu-Index	3.0 kg/100 m

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## Design

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Strand colours	red, green
Conductor structure	Bare copper wire
Cable structure	Braid according to AWG Braid AWG22/7 $0,34^2 = 0,75 \text{ mm } \varnothing$
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 $\geq 80 \%$
Outer jacket	Jacket special thermoplast, matt, adhesion-free surface
Jacket colour	violet RAL 4001

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## General

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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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