

Technical data sheet · LÜTZE ELECTRONIC BUS (C) Profibus



Bus cables for Profibus

Identification	Type	(1×2×AWG22/1)StC
	Part-No.	104290
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 solid conductor AWG22/1 for hard wiring 	
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	Wire AWG 22/1= 0.34 ²	<110 Ω/km
Operating capacitance	<30 pF/m	
Voltage	Signal	250 V
Test voltage	Signal	1500 V
Temperature range	fixed	-30 °C to +80 °C
Minimum bending radius	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/AWG22/1)StC	
Outer-∅	7.8 approx. mm	
Weight	6.4 kg/100 m	
Cu-Index	3.0 kg/100 m	

12.12.2012 – Subject to technical modification

Part-No. 104290

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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Design

Strand colours	red, green
Conductor structure	Bare copper wire
Cable structure	Solid wire according to DIN Wire AWG22/1 $0.34^2 = 0.64 \text{ mm } \varnothing$
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	PE for food areas, halogen-free
Jacket colour	black RAL 9005

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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