

Technical data sheet - LÜTZE ELECTRONIC ETHERNET BUS (C) PVC

BUS cables



Identification	Type	(2×2×0,64/AWG22/1)StC Cat5 UL
	Part-No.	104301
Use/Area of application		
Application	<ul style="list-style-type: none">• For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol• Applicable in automation technology, transport and conveyor technology, machine tool manufacture• For hard wiring or 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	100 Ω ± 10 % (1–100 MHz)	
Loop resistance	Wire AWG 22/1= 0.34 ²	<110 Ω/km
Operating capacitance	< 50 pF/m	
Rated voltage	250 V	
Test voltage	1500 V	
Temperature range	moving	-5 °C to +70 °C
	run	-30 °C to +80 °C
Minimum bending radius	moving	D × 12
	fixed	D × 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	

22.06.2010 – Subject to technical modification

Part-No. 104301

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Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2
Approvals	PLTC
Number of strands/cross-section	(2×2×0,64/AWG22/1)StC Cat5 UL
Outer-∅	6.5 approx. mm
Weight	6.5 kg/100 m
Cu-Index	3.7 kg/100 m

Design

Strand colours	Star quad, FC, ProfiNet type A Transmission pair white/blue, yellow/orange
Conductor structure	Bare copper wire
Cable structure	Braid according to AWG
Conductor insulation	Conductor insulation special polyolefin
Static shield	ST static shield
Overall shield	Galvanised copper wire braid, optical coverage ≥ 85 %
Outer jacket	Jacket special-PUR, matt, adhesion-free surface or PVC
Jacket colour	green RAL 6018

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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