

Technical data sheet · LÜTZE ELECTRONIC CAN-BUS (C) PVC

PVC Bus cables · CAN-BUS



Identification	Type	EL BUS(C)PVC UL(1×2×AWG22/7)VI
	Part-No.	104388
Use/Application/Characteristics		
Application	<ul style="list-style-type: none">• For wiring of industrial field bus systems like CAN-BUS• For fixed wiring or moving applications without continuous flexing in the automation technology, transport and conveyor technology, machine tool manufacture	
Characteristics	<ul style="list-style-type: none">• High active and passive interference resistance (EMC)• Silicone free• RoHS-compliant	
Construction		
Description	ELECTRONIC CAN-BUS (C) PVC	
Number of conductors/cross-section	(1×2×AWG22/7)	
Jacket material	Special PVC	
Jacket color	violet RAL 4001	
Outer Ø	6.7 mm	
Outer Ø	0.264 inches	
Surface	adhesion-free matt	
Weight	5.6 kg/100 m	
Weight	39 Lbs/Mft	
Cu-Index	2.6 kg/100 m	
Cu-Index	18 Lbs/Mft	

28.04.2017 – Subject to technical modification

Part-No. 104388

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



SYSTEMATIC TECHNOLOGY

Technical data sheet · LÜTZE ELECTRONIC CAN-BUS (C) PVC

Element 1

Element construction	(1×2×AWG22/7)
Conductor	AWG conductor CU-wire bare
Conductor marking	white brown
Conductor insulation	Special Polyolefin
Wrapping	Foil taping

overall construction

Overall stranding	stranded pairs
Overall shield	Braid shield Tinned copper wires optical cover approx. 85%
Jacket characteristics	Flame-retardant Silicone-free

Technical data

Rated voltage UL	300 V
Test voltage type	AC 1500 V
Temperature range moving	-10 °C ... +70 °C
Temperature range fixed	-40 °C ... +75 °C
Minimum bending radius moving	15×D
Minimum bending radius fixed	8×D

Element 1

Element construction	(1×2×AWG22/7)
Operating capacitance Ader-Ader	40 pF/m
Loop resistance	110.8 mΩ/m
Impedance	120 Ω

Approvals/Standards

Approvals	cULus CMX
Conformity	CE RoHS
Burning behavior according to	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2 UL VW-1

General

28.04.2017 – Subject to technical modification

Part-No. 104388

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



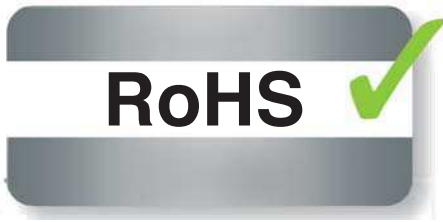
SYSTEMATIC TECHNOLOGY

Technical data sheet · LÜTZE ELECTRONIC CAN-BUS (C) PVC

Note

CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Symbols



28.04.2017 – Subject to technical modification

Part-No. 104388

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