

Technical data sheet · LÜTZE ELECTRONIC Profibus (C) PVC

Bus cables · Profibus



Identification	Type	EL BUS(C)PVC(1×2×AWG18/1) SW
	Part-No.	104278
Use/Application/Characteristics		
Application	<ul style="list-style-type: none">• For the cabling of industrial field bus systems like PROFIBUS DP, F.I.P.• With solid conductor AWG22/1 for fixed wiring or with stranded conductor for 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 Profibus (C) PVC	
Number of conductors/cross-section	(1×2×AWG18/1)	
Jacket material	PVC	
Jacket color	black RAL 9005	
Outer Ø	8 mm	
Weight	8.4 kg/100 m	
Cu-Index	4.5 kg/100 m	
Element 1		
Element construction	(1×2×AWG18/1)	
Conductor	CU-wire bare	

26.01.2017 – Subject to technical modification

Part-No. 104278

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Conductor marking	green red
Conductor insulation	TPE-O

overall construction

Overall shield	Braid shield Tinned copper wires optical cover approx. 70% Aluminium laminate Foil shield
Jacket characteristics	Silicone-free

Technical data

Rated voltage	250 V
Test voltage type	1500 V
Temperature range moving	-5 °C ... +70 °C
Temperature range fixed	-30 °C ... +80 °C
Minimum bending radius moving	12×D
Minimum bending radius fixed	6×D

Element 1

Element construction	(1×2×AWG18/1)
Operating capacitance Ader-Ader	30 pF/m
Loop resistance	39 mΩ/m
Impedance	100 Ω

Approvals/Standards

Conformity	CE RoHS
Burning behavior	VDE 0482 Part 265-2

General

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



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