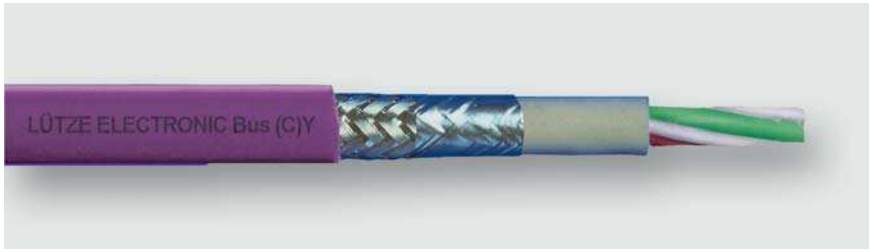
Technical data sheet · LÜTZE ELECTRONIC Profibus (C) PVC



Bus cables · Profibus

Identification	Type	EL BUS(C)PVC(1×2×AWG22/7)VI
	Part-No.	104214

Use/Application/Characteristics	
Application	• 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	• High active and passive interference resistance (EMC) • Silicone free • RoHS-compliant

Construction	
Description	ELECTRONIC Profibus (C) PVC
Number of conductors/cross-section	(1×2×AWG22/7)StC
Jacket material	PVC
Jacket color	violet RAL 4001
Outer ∅	7.8 mm
Weight	6.8 kg/100 m
Cu-Index	3 kg/100 m

Element 1	
Element construction	(1×2×AWG22/7)
Conductor	CU-wire bare

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SYSTEMATIC TECHNOLOGY

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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×AWG22/7)
Operating capacitanceAder-Ader	30 pF/m
Loop resistance	110 mΩ/m
Impedance	150 Ω

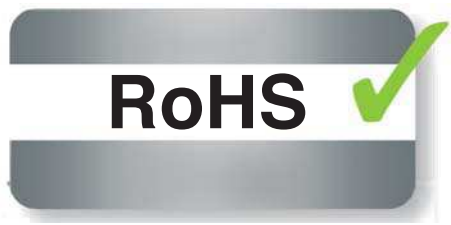
Approvals/Standards

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

Symbols



26.01.2017 – Subject to technical modification

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