

Technical data sheet - LÜTZE ELECTRONIC Profibus (C)

Bus cables - Profibus



Identification	Type	(1×2×AWG22/7)StC
	Part-No.	104214
Use/Area of application		
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 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 (EMC) • Silicone free • RoHS-compliant 	
Technical data		
Impedance	nom. 150 Ω	
Operating capacitance	nom. 30 pF/m	
Voltage	Signal	250 V
Rated voltage	250 V	
Nominal voltage	250 V	
Test voltage	1500 V	
Test voltage	Signal	1500 V
Temperature range	moving	-5 °C to +70 °C
	fixed	-30 °C to +80 °C
Minimum bending radius	moving	D × 12
	fixed	D × 6

09.08.2014 – Subject to technical modification

Part-No. 104214

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Jacket material	PVC
Burning behavior	Flame-retardant according to VDE 0482 part 265-2, HM version: halogen free, low smoke
Outer- \varnothing	7.8 approx. mm
Loop resistance	<110 Ω /km
Weight	6.8 kg/100 m
Cu-Index	3.0 kg/100 m

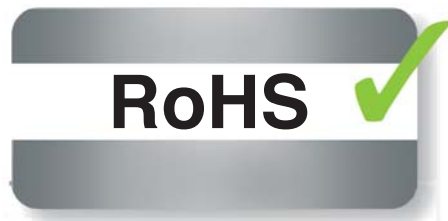
Design

Number of conductors/cross-section	(1×2×AWG22/7)StC
Strand colours	red/green
Conductor structure	Bare copper braid
Cable structure	Wire according to AWG or DIN
Conductor insulation	Conductor insulation special polyolefin
Static shield	ST Static foil shield
Overall shield	Meshwork from tinned copper wire braid, optical covering approx. 65 %.
Outer jacket	PVC, HM version with special thermoplastic
Jacket colour	violet RAL 4001

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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