

LUTZE-ELECTRONIC-BUS (C) Y Desina



PVC bus cable with **violet** outer jacket.

Identification	Type	(1 x 2 x 0,64)
	Part-No.	104214
Use/Application	Use	For wiring industrial field bus systems, e.g. Profibus.
	Application	Automation technology, machine tools, machine and plant construction, transport and conveying technology, either for fixed routing or moving deployment. Bus systems, see selection table for bus and network cables.
Structure	Bus system	Profibus
	Cable construction	(1 x 2 x 0,64)
	Wire conductor structure	E copper uninsulated and/or tin-plated fine and/or superfine strand compliant with VDE 0295 class 5/6 or IEC 60228 class 5/6
	Gauge	0.34 mm ²
	Conductor insulation	PE insulation
	Conductor marking	rd, gn
	Ground conductor	without ground conductor
	Wire colour	rd, gn
	Twisted pair	Yes
	Stranding	Each data pair paired
	Overall shield	Braiding made of tin-plated copper wires, optical covering approx. 85%.
	Outer jacket	Special mixture based on PVC

11.03.2005 – Subject to technical modification

Part-No. 104214

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Systematic Technology

	Jacket colour	violet
	Outer \varnothing	7,9 ca. mm
Technical Data	Test voltage of supply cable	3000 V
	Test voltage of signal cable	1500 V
	Voltage of supply cable	300 V
	Voltage of signal cable	250 V
	Isolation resistance	min. 20 M Ω x km
	Loop resistance max. Ω /km	110
	Impedance	150 \pm 10%
	Operating capacitance (800 Hz) nF/km	30
	Bending radius	Cable diameter \times 12
General Data	Standards	manufactured based on VDE 0800, 0812, 0814 and 0817
	Halogen-free	No
	Weight	5,3 kg/100 m
	Packaging	50 m, 100 m rings, reels
	Stability	PVC - for the most part resistant to oil and grease PUR - resistant to mineral oils and greases Special TPE - resistant to oil, grease and coolant
	Note	0.34 mm ² corresponds to diameter of 0.64 mm

Certification



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