

Technical data sheet · LÜTZE ELECTRONIC Profibus (C) PVC

PVC Bus cables · Profibus



Identification	Type	EL BUS(C)PVC(1×2×AWG24/7)UL/CMG 75°C
	Part-No.	104344

Use/Application/Characteristics

Application	<ul style="list-style-type: none">• For the cabling of industrial field bus systems like PROFIBUS DP, F.I.P.• 7-wire stranded conductor for moving use 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×AWG24/7)
Jacket material	Special PVC
Jacket color	violet RAL 4001
Outer Ø	8 mm
Outer Ø	0.315 inches
Weight	7.2 kg/100 m
Weight	44 Lbs/Mft
Cu-Index	3 kg/100 m
Cu-Index	17 Lbs/Mft

28.04.2017 – Subject to technical modification

Part-No. 104344

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SYSTEMATIC TECHNOLOGY

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Element 1

Element construction	(1×2×AWG24/7)
Conductor	AWG conductor CU-wire bare
Conductor marking	red green
Conductor insulation	Special Polyolefin

overall construction

Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires optical cover approx. 85%
Jacket characteristics	Flame-retardant Silicone-free

Technical data

Rated voltage UL	600 V
Test voltage type	AC 1500 V
Temperature according to UL	75 °C
Temperature range moving	-10 °C ... +70 °C
Temperature range fixed	-40 °C ... +80 °C
Minimum bending radius moving	15×D
Minimum bending radius fixed	7.5×D

Element 1

Element construction	(1×2×AWG24/7)
Insulation resistance at 20°C	5000 MΩ×km
Operating capacitance Ader-Ader	30 pF/m
Loop resistance	165 mΩ/m
Impedance	150 Ω

Approvals/Standards

Approvals	CMG cULus CL 3 cURus
UL style	AWM 20201
Conformity	CE RoHS REACH
Burning behavior according to	IEC 60332-1 CMG: FT4 UL 1685

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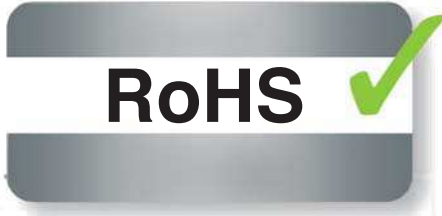
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General

Note

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

Symbols



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