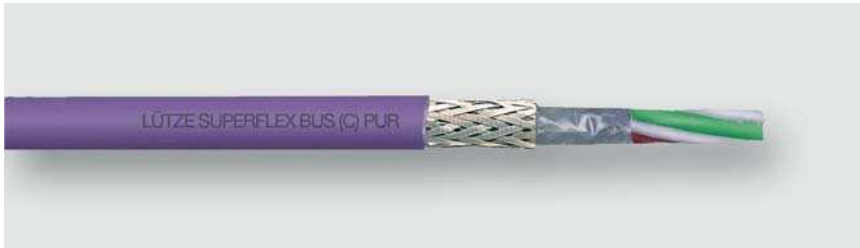


Technical data sheet · LÜTZE SUPERFLEX® Profibus (C) PUR UL

For highest requirements



PUR Bus cables · Profibus · C-track compatible

Identification	Type	SU BUS(C)PUR(3G0,75+1×2×AWG24/19)cULus CMX
	Part-No.	104275

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • For the cabling of industrial field bus systems like PROFIBUS DP, SINEC L2, F.I.P. • For continuous flexible use e.g. in c-tracks or free movement in 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 • Halogen free • RoHS-compliant

Construction

Description	SUPERFLEX Profibus (C) PUR
Number of conductors/cross-section	((1×2×AWG24/19)St+3G0.75)C
Jacket material	PUR
Jacket color	violet RAL 4001
Outer Ø	9.8 mm
Outer Ø	0.386 inches
Surface	adhesion-free matt
Weight	14.4 kg/100 m

26.01.2017 – Subject to technical modification

Part-No. 104275

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Weight	97 Lbs/Mft
Cu-Index	6.6 kg/100 m
Cu-Index	44 Lbs/Mft

Element 1

Element construction	3G0.75
Conductor	CU-wire bare
Conductor marking	green red
Conductor insulation	Special Polyolefin

Element 2

Element construction	1×2×AWG24/19
Conductor	CU-wire bare
Conductor marking	blue black green/yellow

overall construction

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

Technical data

Rated voltage UL	300 V
Test voltage type	1500 V
Temperature according to UL	80 °C
Temperature range moving	-30 °C ... +70 °C
Temperature range fixed	-40 °C ... +80 °C
Minimum bending radius moving	7.5×D
Minimum bending radius fixed	5×D

Element 1

Element construction	3G0.75
Operating capacitance Ader-Ader	30 pF/m
Loop resistance	165 mΩ/m
Impedance	150 Ω

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Element 2

Element construction 1×2×AWG24/19

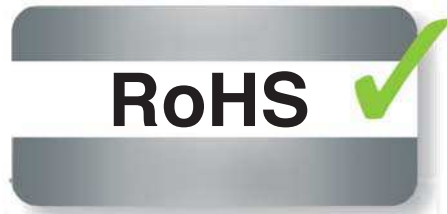
Approvals/Standards

Approvals	cURus
UL style	AWM 21198
Conformity	CE RoHS
Burning behavior	UL 1581 Part VW-1 Flame Test IEC 60332-1
Halogen free according to	DIN EN 60754-1 IEC 60754-1

General

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

Symbols



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