

Technical data sheet - LÜTZE SUPERFLEX® DeviceNet™ (C) PUR UL

For highest requirements



PUR Bus cables · DeviceNet™ ·
C-track compatible

Identification	Type	((2×AWG24)+(2×AWG22))
	Part-No.	104289
Use/Area of application		
Application	<ul style="list-style-type: none"> • For the wiring of industrial devices, sensors, control devices (SPS), valves • DeviceNet™ is the leading BUS system for industry automation in the USA • For continuous flexible use e.g. in c-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacture 	
Properties	<ul style="list-style-type: none"> • 2-pair cable: The pair with the smaller cross section serves for the data transmission, the pair with the larger cross section is for the power supply • High active and passive interference resistance through double shielding (StC) • Free from silicon paint wetting disruptive substances (LABS-free), RoHS-compliant 	
Technical data		
Impedance	nom. 120 Ω	
Loop resistance	AWG 22	<114.8 Ω/km
	AWG 24	<181.8 Ω/km
Operating capacitance	<40 pF/m	
Rated voltage	300 V	
Nominal voltage	300 V	
Test voltage	3000 V	
Temperature range	moving	-20 °C to +80 °C
	fixed	-40 °C to +80 °C

09.08.2014 – Subject to technical modification

Part-No. 104289

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
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Minimum bending radius	moving	D × 12
	fixed	D × 6
Jacket material	PUR	
Burning behavior	Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	
Halogen-free	according to EN 50267-2-1	
Approvals	cULus CMX	
Outer-∅	7.3 approx. mm	
Weight	8.5 kg/100 m	
Cu-Index	2.8 kg/100 m	

Design

Number of conductors/cross-section	((2×AWG24)+(2×AWG22))	
Strand colours	white/blue, red/black	
Conductor structure	Bare copper wire tinned	
Conductor insulation	Conductor insulation special polyolefin	
Static shield	BUS element statically shielded	
Overall shield	BUS element static shielded Overall shield: static shield (foil) braid from galvanised Cu wire, optical coverage ≥ 85 %	
Outer jacket	Jacket special-PUR, matt, adhesion-free surface	
Jacket colour	violet RAL 4001	

General

Note	Notes on laying PVC C-track cables in chapter 2 of the catalogue TK1. Bus cables for robot applications see chapter on robot cables.
Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC

Logo



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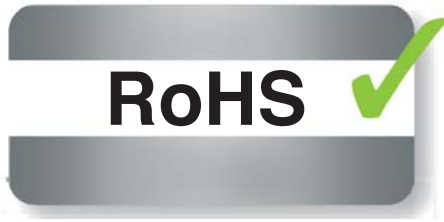
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