

Technical data sheet - LÜTZE SUPERFLEX[®] Profibus (C) PUR UL

For highest requirements



PUR Bus cables · Profibus · C-track compatible

Identification	Type	(1×2×AWG24/19)
	Part-No.	104265

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

Technical data

UL approval	60 °C 30 V	
Impedance	nom. 150 Ω	
Operating capacitance	<30 pF/m	
Rated voltage	300 V	
Nominal voltage	300 V	
Test voltage	1500 V	
Temperature range	moving	-30 °C to +70 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	D × 7.5
	fixed	D × 5

17.06.2015 – Subject to technical modification

Part-No. 104265

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
 www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

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

For highest requirements

Jacket material	PUR
Burning behavior	VW-1, FT 1 UL 1581, IEC 60332-1
Halogen free	according to EN 50267-2-1
OD Ø	0.315 inches
Loop resistance	<165 Ω/km
Weight	37.0 Lbs/Mft
Copper	16 Lbs/Mft

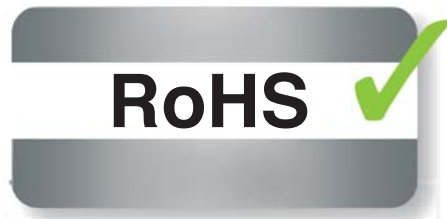
Construction

Number of strands/cross-section	(1×2×AWG24/19)
Strand colors	red/green
Conductor structure	Bare copper wire
Cable structure	Wire according to AWG Wire AWG 24/19 = 0.64 mm Ø
Conductor insulation	Conductor insulation special polyolefin
Static shield	ST foil shield
Overall shield	Braid from tinned copper wire, optical coverage ≥ 85 %
Outer jacket	Jacket special-PUR, matte, adhesion-free surface
Jacket color	violet, RAL 4001

General

Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC
------	--

Symbols



17.06.2015 – Subject to technical modification

Part-No. 104265

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
www.lutze.com • sales.gb@lutze.co.uk

Technical data sheet - LÜTZE SUPERFLEX® Profibus (C) PUR UL
For highest requirements



17.06.2015 – Subject to technical modification

Part-No. 104265

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
www.lutze.com • sales.gb@lutze.co.uk