

# Technical data sheet · LUTZE PURFLEX

PUR Coil cables unshielded



<b>Identification</b>	Type	PURFLEX 12GX1,5 SW WL2000
	Part-No.	190019

## Use/Application/Characteristics

Application	<ul style="list-style-type: none"><li>• Machine and device construction , transport and conveyor technology</li><li>• Especially for industrial environments, machines and plants</li><li>• Lifting platforms, test benches and measuring systems as well as door drives</li></ul>
Characteristics	<ul style="list-style-type: none"><li>• Very good restoring force</li><li>• Low adhesion, abrasion-proof, nick-resistant, tear-propagation-resistant</li><li>• Hydrolisis-resistant, microbe-resistant, and rot-resistant</li><li>• Weathering, ozone and UV resistant (normal lighting conditions)</li><li>• Good industrial- and salt water resistance</li><li>• Widely resistant to oils, greases, alcohol-free benzines and kerosene</li><li>• Free from varnish damaging substances, RoHS-compliant</li></ul>

## Technical data

Number of conductors/cross-section	12G1.5
Number of conductors	12
Design	Construction Cable outlet radial
Spiral diameter	70 mm
Spiral length	2000 mm
Max. extension length	0.0 mm
Connection ends L1/L2	250/250 mm
Rated voltage $U_0/U$	300/500
Test voltage	3000 V

28.04.2017 – Subject to technical modification

Part-No. 190019

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 · LUTZE PURFLEX

---

Insulation resistance	> 20 MΩ × km
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-20 °C ... +80 °C
Product photo	The product photos are not to scale and do not represent detailed images of the respective products.

---

### Construction

Number of conductors/cross-section	12G1.5
Number of conductors	12
Conductor	CU-wire bare
Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	black with white number print
Conductor color	green-yellow various
Conductor insulation	Special PVC
Jacket material	PUR
Surface	matt adhesion-free
Jacket color	black RAL 9005

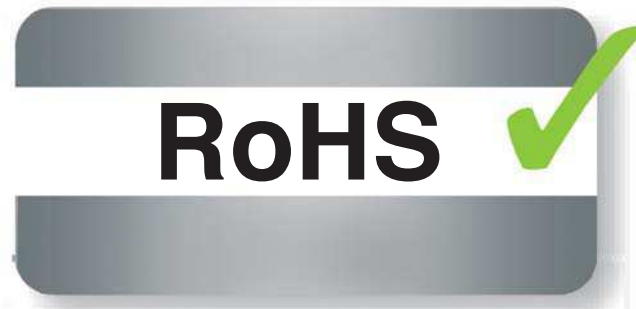
---

### General

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

---

### Symbols



28.04.2017 – Subject to technical modification

Part-No. 190019

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