

Technical data sheet

PUR Coil cables · unshielded

LÜTZE PURFLEX



Identification

Type PURFLEX 5GX1,5 OR WL 1500
Part No. [190014](#)

Product version

Datasheet version 00

Use/Application/Properties

- | | |
|-------------|---|
| Application | <ul style="list-style-type: none">• Machine and device construction, transport and conveyor technology under harsh operating conditions• Especially for industrial environments, machines and plants• Lifting platforms, test benches and measuring systems as well as door drives |
| Properties | <ul style="list-style-type: none">• Very good restoring force• Low adhesion, abrasion-resistant, nick-resistant, tear-resistant• Hydrolysis-resistant, microbe-resistant, and rot-resistant• Weathering, ozone and UV resistant (normal lighting conditions)• Industrial and salt water resistant• Largely resistant to oils, greases, alcohol-free benzines and kerosene• Free from paint wetting disruptive substances (LABS-free)• RoHS compliant |

Technical data

Number of conductors/cross-section	5G1.5
Number of conductors	5
Design	Cable outlet radial
Spiral diameter	40 mm
Spiral length	1500 mm
Max. extension length	5750 mm
Connection ends L1/L2	250/250 mm
Rated voltage U_0/U	300/500 V
Test voltage type	3000 V
Insulation resistance at 20 °C	$\geq 20 \text{ M}\Omega \times \text{km}$

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

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)
www.luetze.de • info@luetze.de

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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	5G1.5
Number of conductors	5
Conductor	CU-wire bare
Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	green/yellow · blue · brown · black · grey
Conductor color	green-yellow various
Conductor insulation	Special PVC
Jacket material	PUR
Jacket color	orange RAL 2003
Surface	matte, adhesion-free

General

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