

Technical data sheet

PUR Coil cables · unshielded

LÜTZE PURFLEX



Identification

Type PURFLEX 3GX1,5 OR WL500
Part No. [190003](#)

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	3G1.5
Number of conductors	3
Design	Cable outlet radial
Spiral diameter	30 mm
Spiral length	500 mm
Max. extension length	2250 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	$\geq 20 \text{ M}\Omega \times \text{km}$

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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	3G1.5
Number of conductors	3
Conductor	CU-wire bare
Conductor category	Finely stranded DIN VDE 0295 IEC 60228, Class 5
Conductor marking	green/yellow • brown • blue
Conductor color	brown, blue, yellow-green
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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