

Technical data sheet · LÜTZE SUPERFLEX® TRONIC AS PUR



PUR actor-sensor cables · c-track suitable

Identification	Type	5×0,34
	Part-No.	117306
Use/Area of application		
Application	<ul style="list-style-type: none">• Machine and device construction, transport and conveyor technology• Actor, sensor technology• Combination cable SUPERFLEX® ASB for actuator box, schleppfähig• Through full PUR jacket, optimally suited for c-tracks, extremely harsh operating conditions and aggressive coolants and lubricants	
Properties	<ul style="list-style-type: none">• Flame-retardant, self-extinguishing• Very good alternating bending strength• Good pressure and roll-over resistance• Low adhesion, abrasion-resistant, nick-resistant, tear-propagation-resistant• Hydrolysis-resistant, microbe-resistant, and rot-resistant• Weathering, ozone and UV resistant (normal lighting conditions)• Good resistance to use and salt water• Excellent coolant and lubricant resistance• Largely resistant to oils, greases, alcohol-free benzines and kerosene• Free from silicone paint wetting impairment substances (LABS-free), RoHS-compliant	
Technical data		
UL approval	300 V 80 °C	
Rated voltage	300 V	
Test voltage	3000 V	
Insulation resistance	min. 20 MΩ × km	

02.10.2009 – Subject to technical modification

Part-No. 117306

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Temperature range	moving	-25 °C to +80 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	Cable diameter × 7.5
	fixed	Cable diameter × 4
Radiation-resistance	5×10 ⁷ cJ/kg	
Burning behaviour	Flame-retardant according to VDE 0482 part 265-2; DIN EN 50265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	
Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2	
Number of strands/cross-section	5×0.34	
Outer-∅	4.9 approx. mm	
Weight	6.2 kg/100 m	
Cu-Index	1.6 kg/100 m	

Design

Strand colours	brown, blue, black, white, greenyellow
Conductor structure	Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
Conductor insulation	Special-TPE conductor insulation
Conductor labelling	Conductors colour-coded
Ground conductor	green/yellow according to DIN EN 50334 in the top layer
Outer jacket	Full polyurethane jacket, matt, adhesion-free surface
Jacket colour	grey RAL 7001

General

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



halogenfree

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