

Technical data sheet · LÜTZE SUPERFLEX® TRONIC AS PUR



PUR actuator cables or cables c-track compatible

| | | |
|--------------------------------|--|-----------------|
| Identification | Type | 4×0.34 UL |
| | Part-No. | 117305 |
| 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-proof, nick-resistant, tear-propagation-resistant • Hydrolisis-resistant, microbe-resistant, and rot-resistant • Weathering, ozone and UV resistant (normal lighting conditions) • Good industrial- and salt water resistance • Excellent coolant and lubricant resistance • Widely resistant to oils, greases, alcohol-free benzines and kerosene (see tech. information) • Free from paint wetting disruptive substances (LABS-free), RoHS-compliant | |
| Technical data | | |
| Rated voltage | 300 V | |
| Test voltage | 3000 V | |
| Insulation resistance | min. 20 MΩ × km | |
| Temperature range | moving | -5 °C to +80 °C |

24.11.2007 – Subject to technical modification

Part-No. 117305

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| | | |
|---------------------------------|---|----------------------|
| Minimum bending radius | fixed | -40 °C to +80 °C |
| | moving | Cable diameter × 7.5 |
| Radiation-resistance | fixed | Cable diameter × 4 |
| | 5×10^7 cJ/kg | |
| Burning behaviour | Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1 | |
| Halogen-free | according to DIN EN 50264-1, EN 50267-2-1 and EN 60684-2 | |
| Number of strands/cross-section | 4×0,34 UL | |
| Outer-∅ | 4.6 approx. mm | |
| Weight | 4.8 kg/100 m | |
| Cu-Index | 1.3 kg/100 m | |

Design

| | |
|----------------------|--|
| Strand colours | brown, blue, black, white |
| 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 |
| Outer jacket | Full polyurethane jacket, matt, adhesion-free surface |
| Jacket colour | grey |

General

| | |
|------|---|
| Note | CE These products are in conformity to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively |
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Logo



halogenfree

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