

PUR actuator cables or cables c-track compatible

LÜTZE SUPERFLEX® TRONIC AS PUR LÜTZE SUPERFLEX® ASB PUR KOMBI



halogenfree



Application

- 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

- Flame-retardant, self-extinguishing
- Very good alternating bending strength
- Good pressure and roll-over resistance
- Low adhesion, abrasion-proof, nick-resistant, tear-propagation-resistant
- Hydrolysis-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

| | |
|------------------------|---|
| Nominal voltage | 300 V |
| Test voltage | 3000 V |
| Isolation resistance | min. 20 MΩ × km |
| Temperature range | |
| moving | -5 °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 T. 265-2-1; IEC 60332-1 |

Design

- Bare copper wire, finest multi-strand according to DIN VDE 0295 class 6, IEC 60228 class 6
- Special-TPE conductor insulation
- Conductors colour-coded
- Full polyurethane jacket, matt, adhesion-free surface

| Part-No. | Number of strands/cross-section/ strand colours | Outer-Ø approx. mm | Weight kg/100 m | Cu-Index kg/100 m |
|--|---|-----------------------|--------------------|----------------------|
| LÜTZE-SUPERFLEX-TRONIC PUR AS jacket grey | | | | |
| 117304 | 3×0,34 UL brown, blue, black | 3.8 | 4.0 | 1.0 |
| 117305 | 4×0,34 UL brown, blue, black, white | 4.6 | 4.8 | 1.3 |
| 117306 | 5×0,34 UL brown, blue, black, white, greenyellow | 4.5 | 6.2 | 1.6 |
| LÜTZE-SUPERFLEX® ASB PUR Black Jacket | | | | |
| 110870 | 3×1,0+4×0,34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey | 7.5 | 8.5 | 3.5 |
| 110871 | 3×1,0+6×0,34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red | 7.8 | 9.0 | 4.1 |
| 110872 | 3×1,0+8×0,34 UL 1.0: brown, blue, greenyellow 0.34: white, black, green, yellow, grey, pink, violet, red | 8.2 | 9.9 | 5.5 |
| 110873 | 3×1,0+12×0,34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red, greypink, redblue, whitegreen, brownngreen, whiteyellow, yellowbrown | 8.8 | 11.3 | 6.1 |
| 110874 | 3×1,0+16×0,34 1.0: brown, blue, greenyellow 0.34: white, green, yellow, grey, pink, red, black, violet, greypink, redblue, whitegreen, brownngreen, whiteyellow, yellowbrown, whitegrey, greybe | 9.7 | 13.5 | 8.1 |

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