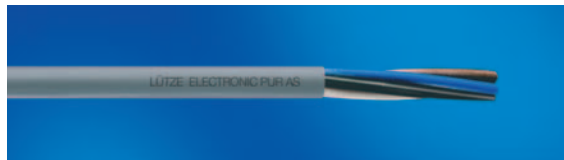


PUR Actor-Sensor cables

LÜTZE ELECTRONIC PUR AS



Application

- Machine and device construction, transport and conveyor technology
- Actor, sensor technology

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
- 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

Nominal voltage	300 V
Test voltage	
up to 0.34 mm ²	1200 V
after 0.5 mm ²	2000 V
Isolation resistance	min. 20 MΩ × km
Temperature range	
moving	-5 °C to +80 °C
fixed	-25 °C to +80 °C
Minimum bending radius	
moving	Cable diameter × 7.5
fixed	Cable diameter × 4
Burning behaviour	Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1

Design

- Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
- Special PVC 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 Electronic PUR AS Grey Jacket				
110166	3×0,34 white, brown, green	4.4	3.6	1.0
110190	4×0,34 white, brown, blue, black	4.8	4.4	1.3
110167	5×0,34 white, brown, green, yellow, grey	5.2	4.7	1.6
101278	3×0,75 brown, blue, black	5.9	5.2	2.2
Lütze Electronic PUR AS Jacket black				
110624	2×0,34 brown, blue	4.9	3.4	0.7
118049	3×0,34 brown, blue, black	4.9	3.6	1.0
118070	2×0,5 brown, blue	5.4	3.6	1.0

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