

# PVC control cable

## LÜTZE-SILFLEX® ORC



CNOMO

### Application

- Machine tools, transfer lines as well as other areas in the French automobile industry
- As control, measurement and regulation cable
- For flexible application without compulsory guide

### Properties

- Isolation and jacket material especially oil-stabilised according to the French automobile industry norm (CNOMO)
- Widely resistant to oils, greases, acids and bases
- PVC flame-retardant, self-extinguishing
- Free from paint wetting disruptive substances (LABS-free), RoHS-compliant

### Technical data

Voltage	
U <sub>0</sub> /U	300/500 V
Test voltage	3000 V
Isolation resistance	min. 20 MΩ × km
Temperature range	
moving	-5 °C to +70 °C
fixed	-25 °C to +70 °C
Minimum bending radius	according to VDE 0298 table 6
Burning behaviour	Flame-retardant according to VDE 0482 T 265-2-1

### Design

- Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
- Special PVC conductor insulation according to CNOMO
- Ground conductor green/yellow according to DIN EN 50334 in the top layer
- Conductors stranded layers
- Jacket special PVC according to CNOMO, matt, adhesion-free surface
- Jacket colour grey RAL 7001

Part-No.	Number of strands/cross-section	Outer-Ø approx. mm	Weight kg/100 m	Cu-Index kg/100 m
<b>0.75 mm<sup>2</sup></b>				
101257	3×0,75	6.6	6.7	2.2
101239	4×0,75	7.2	8.2	2.9
101258	5×0,75	8.1	10.3	3.6
101259	7×0,75	9.8	14.9	5.0
101260	12×0,75	11.7	20.3	8.6
101261	18×0,75	14.1	32.7	13.0
101262	27×0,75	17.5	49.9	19.4
<b>1.0 mm<sup>2</sup></b>				
101130	2×1,0 OZ	6.5	5.8	1.9
101098	3×1,0	7.0	7.1	2.9
101099	4×1,0	7.7	8.8	3.8
101100	5×1,0	8.5	10.4	4.8
101101	7×1,0	10.3	12.6	6.7
101102	12×1,0	12.6	22.1	11.5
101131	18×1,0	14.9	31.1	17.3
101104	27×1,0	18.4	45.0	25.9
<b>1.5 mm<sup>2</sup></b>				
101135	2×1,5 OZ	7.5	8.4	2.9
101136	3×1,5	8.2	9.8	4.3
101137	4×1,5	8.9	13.0	5.8
101138	5×1,5	10.0	16.0	7.2
101139	7×1,5	12.3	18.5	10.1
101140	12×1,5	14.8	30.8	17.3
101141	18×1,5	17.7	40.0	25.9
101144	27×1,5	22.1	65.5	38.9
<b>2.5 – 16 mm<sup>2</sup></b>				
101147	3×2,5	9.6	15.6	7.2
101148	4×2,5	10.7	20.8	9.6
101253	5×2,5	11.8	26.0	12.0
101226	7×2,5	14.5	33.0	16.8
101149	4×4	13.5	29.9	15.3
101151	4×6	15.0	39.4	23.0
108047	4×10	20.0	73.5	38.4
100921	4×16	22.1	101.5	61.4

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

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