



ÖLFLEX® CLASSIC 110 ORANGE



Info

- CPR: Article number choice under www.lappkabel.com/cpr
- For warning purposes and for exempted circuits according to EN 60204-1, e.g. circuits for maintenance or interlocking circuits



Benefits

- Space-saving installation due to small cable diameters
- High electrical performance due to 4 kV test voltage

Application range

- According to EN 60204-1 (VDE 0113-1), conductors of control circuits that are supplied by an external power source and/or remain live when the main switch is deactivated must be orange
- Electrical lighting and socket circuits for maintenance or repair purposes
- Undervoltage protection circuits
- Interlocking control circuits
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Product features

- Flame-retardant according IEC 60332-1-2

Norm references / Approvals

- Based on IEC 60227-5 and EN 50525-2-51

Product Make-up

- Fine-wire strand made of bare copper wires
- PVC insulation LAPP P8/1
- Orange cores with black numbers
- Outer sheath: PVC, orange (similar to RAL 2003)

Technical data

| | |
|--|---|
| | Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000104 ETIM 5.0/6.0 Class-Description: Control cable |
| | Core identification code Orange cores with black numbers |
| | Conductor stranding Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| | Torsion movement in WTG TW-0 & TW-1, refer to Appendix T0 |
| | Minimum bending radius Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| | Nominal voltage U0/U: 300/500 V |
| | Test voltage 4000 V |
| | Protective conductor G = with GN-YE protective conductor X = without protective conductor |
| | Temperature range Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C |

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|-----------------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 110 ORANGE | | | | |
| 0019700 | 2 X1.0 | 5.7 | 19.2 | 53 |
| 0019701 | 3 G1.0 | 6.0 | 28.8 | 65 |
| 0019702 | 3 X1.0 | 6.0 | 28.8 | 65 |
| 0019706 | 4 G1.0 | 6.5 | 38.4 | 80 |
| 0019708 | 4 X1.0 | 6.5 | 38.4 | 80 |
| 0019709 | 5 G1.0 | 7.1 | 50 | 95 |
| 0019710 | 2 X1.5 | 6.3 | 29 | 68 |
| 0019711 | 3 G1.5 | 6.7 | 43 | 85 |
| 0019718 | 4 G1.5 | 7.2 | 58 | 105 |
| 0019720 | 5 G1.5 | 8.1 | 72 | 128 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
 Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
 Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
 Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
 Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- H07V-K <HAR> refer to page 220
- H07V-U
- Orange-coloured single cores

Accessories

- SKINTOP® CLICK refer to page 682