ÖLFLEX® CLASSIC 110 ORANGE

ÖLFLEX® CLASSIC 110 ORANGE - PVC control cable, flexible and numbered orange cores, especially for warning purposes and exempted circuits, also for YSLY or YY

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



Good chemical resistance

Torsion-resistant

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

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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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:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 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

Note

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.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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0019700	2 X 1.0	5.7	19.2	53
0019701	3 G 1.0	6	28.8	65
0019702	3 X 1.0	6	28.8	65
0019706	4 G 1.0	6.5	38.4	80
0019708	4 X 1.0	6.5	38.4	80
0019709	5 G 1.0	7.1	50	95
0019710	2 X 1.5	6.3	29	68
0019711	3 G 1.5	6.7	43	85
0019718	4 G 1.5	7.2	58	105
0019720	5 G 1.5	8.1	72	128

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