

Wide range use

PVC sheath and coloured cores

New

ÖLFLEX® CLASSIC 100



Info

- Change to new articles with reduced insulation wall thickness up to 1,5 mm²
- Advantage: less space required and improved installation possibilities, other features remain unchanged

Benefits

- Space saving installation due to small cable diameters
- High electrical performance due to 4kV test voltage
- Increased flexibility due short-twisted conductor layers

Application range

- Plant engineering and construction
Industrial machinery
Air conditioning installations
Power station
- Dry or damp interiors under medium mechanical load conditions
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Product features

- Flame retardant according to IEC 60332-1-2
- Good chemical resistance
see Main Catalogue 2010/11 Appendix T1

Approvals (Norm references)



Design

- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- Cores twisted in layers
- PVC outer sheath, grey (RAL 7001)

Technical data

- Core identification code**
Up to 5 cores: according to VDE 0293-308 (Main Catalogue 2010/11 Appendix T9)
- Based on**
HD 21.13 S1; VDE 0281 Part 13
- Specific insulation resistance**
> 20 GOhm x cm
- Conductor stranding**
Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5
- Minimum bending radius**
Occasional flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- Rated voltage**
Up to 1.5 mm²: U₀/U: 300/500 V
- Test voltage**
4000 V
- Protective conductor**
G = with protective conductor GN/YE
X = without protective conductor
- Range of temperature**
Occasional flexing: -5°C up to +70°C
Fixed installation: -40°C up to +80°C

New parts				
Part number „new“	Number of cores and mm ² per conductor	Outer diameter in mm approx. „new“	Copper index kg/km	Weight kg/km approx. „new“
ÖLFLEX® CLASSIC 100; U₀/U: 300/500 V				
00100004	2 X 0,5	4,8	9,6	35
00100014	3 G 0,5	5,1	14,4	42
00101224	3 X 0,5	5,1	14,4	42
00100024	4 G 0,5	5,7	19,2	54
00101234	4 X 0,5	5,7	19,2	54
00100034	5 G 0,5	6,2	24,0	63
00101244	5 X 0,5	6,2	24,0	63
00100214	2 X 0,75	5,4	14,4	45
00100224	3 G 0,75	5,7	21,6	55
00101254	3 X 0,75	5,7	21,6	55
00100234	4 G 0,75	6,2	28,8	66
00101264	4 X 0,75	6,2	28,8	66
00100244	5 G 0,75	6,7	36,0	79
00101274	5 X 0,75	6,7	36,0	79
00100414	2 X 1	5,7	19,2	53
00100424	3 G 1	6,0	28,8	65
00102034	3 X 1	6,0	28,8	65
00100434	4 G 1	6,5	38,4	79
00102044	4 X 1	6,5	38,4	79
00100444	5 G 1	7,1	48,0	94
00102054	5 X 1	7,1	48,0	94
00100634	2 X 1,5	6,3	28,8	68
00100644	3 G 1,5	6,7	43,0	84
00101284	3 X 1,5	6,7	43,0	84
00100654	4 G 1,5	7,2	58,0	104
00101294	4 X 1,5	7,2	58,0	104
00100664	5 G 1,5	8,1	72,0	128
00101304	5 X 1,5	8,1	72,0	128

Previous parts		
Part number „old“	Outer diameter in mm approx. „old“	Weight kg/km approx. „old“
ÖLFLEX® CLASSIC 100; U₀/U: 300/500 V		
0010000	5,4	42
0010001	5,7	50
00101223	5,7	50
00100023	6,2	60
00101233	6,2	60
00100033	6,7	71
00101243	6,7	71
0010021	6,2	56
0010022	6,5	67
00101253	6,5	67
00100233	7,1	81
00101263	7,1	81
00100243	8,0	99
00101273	8,0	99
0010041	6,5	64
0010042	6,9	78
00102033	6,9	78
00100433	7,7	97
00102043	7,7	97
00100443	8,4	105
00102053	8,4	105
0010063	7,5	87
0010064	8,1	109
00101283	8,1	109
00100653	8,9	133
00101293	8,9	133
00100663	10,0	164
00101303	10,0	164

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.
Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Main Catalogue 2010/11 Appendix T17
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum
Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)
Single lengths for sizes: ≥ 5G50 max. 500m; ≥ 5G95 max. 400; ≥ 3G120 max. 500m; ≥ 4G120 max. 300; ≥ 4G185 max. 250m
Photographs are not to scale and do not represent detailed images of the respective products.

Comparable products

- UNITRONIC® 100
- ÖLFLEX® CLASSIC 100 BK POWER 0,6/1kV
- ÖLFLEX® CLASSIC 130 H BK 0,6/1kV

Accessories

- SKINTOP® CLICK
- TY - FAST® standard cable ties
- STAR STRIP stripping tool