



Description: ÖLFLEX CLASSIC 100 2 X 1,0_

Lapp code: Lapp 00100414

The **Test voltage** of the cable Lapp 00100414 is 4000 V.

Application range

- Plant engineering
Industrial machinery
Heating and air-conditioning systems
Power stations
- Dry or damp rooms that are subject to medium mechanical loads
- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Product Make-up

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

In our Cable list on next page you can find all interesting information acc. article Lapp 00100414 and much more.

CABLE LIST - all informations you need you can find here

| Product Name | Lapp Nr. | Number of cores and mm ² per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|---|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 100; U ₀ /U: 300/500 V | | | | | |
| ÖLFLEX CLASSIC 100 2 X 0,5 | Lapp 00100004 | 2 X 0,5 | 4,8 | 9.6 | 35 |
| ÖLFLEX CLASSIC 100 3 G 0,5 | Lapp 00100014 | 3 G 0,5 | 5,1 | 14.4 | 42 |
| ÖLFLEX CLASSIC 100 3 X 0,5 | Lapp 00101224 | 3 X 0,5 | 5,1 | 14.4 | 42 |
| ÖLFLEX CLASSIC 100 4 G 0,5 | Lapp 00100024 | 4 G 0,5 | 5,7 | 19.2 | 54 |
| ÖLFLEX CLASSIC 100 4 X 0,5 | Lapp 00101234 | 4 X 0,5 | 5,7 | 19.2 | 54 |
| ÖLFLEX CLASSIC 100 5 G 0,5 | Lapp 00100034 | 5 G 0,5 | 6,2 | 24.0 | 63 |
| ÖLFLEX CLASSIC 100 5 X 0,5 | Lapp 00101244 | 5 X 0,5 | 6,2 | 24.0 | 63 |
| ÖLFLEX CLASSIC 100 6 G 0,5 | Lapp 0010004 | 6 G 0,5 | 6,7 | 28.8 | 73 |
| ÖLFLEX CLASSIC 100 7 G 0,5 | Lapp 0010005 | 7 G 0,5 | 6,7 | 33.6 | 81 |
| ÖLFLEX CLASSIC 100 8 G 0,5 | Lapp 0010006 | 8 G 0,5 | 8.0 | 38.4 | 97 |
| ÖLFLEX CLASSIC 100 10 G 0,5 | Lapp 0010007 | 10 G 0,5 | 8,6 | 48.0 | 116 |
| ÖLFLEX CLASSIC 100 12 G 0,5 | Lapp 0010008 | 12 G 0,5 | 8,9 | 58.0 | 133 |
| ÖLFLEX CLASSIC 100 14 G 0,5 | Lapp 0010009 | 14 G 0,5 | 9,5 | 67.0 | 151 |
| ÖLFLEX CLASSIC 100 16 G 0,5 | Lapp 0010010 | 16 G 0,5 | 10.0 | 76.0 | 169 |
| ÖLFLEX CLASSIC 100 21 G 0,5 | Lapp 0010011 | 21 G 0,5 | 11,7 | 99.0 | 223 |
| ÖLFLEX CLASSIC 100 24 G 0,5 | Lapp 0010012 | 24 G 0,5 | 12,4 | 114.0 | 254 |
| ÖLFLEX CLASSIC 100 40 G 0,5 | Lapp 0010016 | 40 G 0,5 | 15,4 | 192.0 | 404 |
| ÖLFLEX CLASSIC 100 2 X 0,75 | Lapp 00100214 | 2 X 0,75 | 5,4 | 14.4 | 45 |
| ÖLFLEX CLASSIC 100 3 G 0,75 | Lapp 00100224 | 3 G 0,75 | 5,7 | 21.6 | 55 |
| ÖLFLEX CLASSIC 100 3 X 0,75 | Lapp 00101254 | 3 X 0,75 | 5,7 | 21.6 | 55 |
| ÖLFLEX CLASSIC 100 4 G 0,75 | Lapp 00100234 | 4 G 0,75 | 6,2 | 28.8 | 66 |
| ÖLFLEX CLASSIC 100 4 X 0,75 | Lapp 00101264 | 4 X 0,75 | 6,2 | 28.8 | 66 |
| ÖLFLEX CLASSIC 100 5 G 0,75 | Lapp 00100244 | 5 G 0,75 | 6,7 | 36.0 | 79 |
| ÖLFLEX CLASSIC 100 5 X 0,75 | Lapp 00101274 | 5 X 0,75 | 6,7 | 36.0 | 79 |

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|------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 100 6 G 0,75 | Lapp 0010025 | 6 G 0,75 | 7,3 | 43.3 | 104 |
| ÖLFLEX CLASSIC 100 7 G 0,75 | Lapp 0010026 | 7 G 0,75 | 7,3 | 50.4 | 109 |
| ÖLFLEX CLASSIC 100 8 G 0,75 | Lapp 0010027 | 8 G 0,75 | 8,8 | 56.0 | 123 |
| ÖLFLEX CLASSIC 100 9 G 0,75 | Lapp 0010028 | 9 G 0,75 | 9,4 | 63.0 | 144 |
| ÖLFLEX CLASSIC 100 10 G 0,75 | Lapp 0010029 | 10 G 0,75 | 9,6 | 72.0 | 153 |
| ÖLFLEX CLASSIC 100 12 G 0,75 | Lapp 0010030 | 12 G 0,75 | 9,9 | 86.4 | 176 |
| ÖLFLEX CLASSIC 100 15 G 0,75 | Lapp 0010031 | 15 G 0,75 | 10,9 | 108.0 | 211 |
| ÖLFLEX CLASSIC 100 18 G 0,75 | Lapp 0010032 | 18 G 0,75 | 11,7 | 129.6 | 268 |
| ÖLFLEX CLASSIC 100 21 G 0,75 | Lapp 0010033 | 21 G 0,75 | 13.0 | 151.0 | 293 |
| ÖLFLEX CLASSIC 100 25 G 0,75 | Lapp 0010034 | 25 G 0,75 | 13,8 | 180.0 | 374 |
| ÖLFLEX CLASSIC 100 40 G 0,75 | Lapp 0010036 | 40 G 0,75 | 17,3 | 288.0 | 571 |
| ÖLFLEX CLASSIC 100 50 G 0,75 | Lapp 0010037 | 50 G 0,75 | 19,2 | 360.0 | 698 |
| ÖLFLEX CLASSIC 100 2 X 1,0 | Lapp 00100414 | 2 X 1,0 | 5,7 | 19.2 | 53 |
| ÖLFLEX CLASSIC 100 3 G 1,0 | Lapp 00100424 | 3 G 1,0 | 6.0 | 28.8 | 65 |
| ÖLFLEX CLASSIC 100 3 X 1,0 | Lapp 00102034 | 3 X 1,0 | 6.0 | 28.8 | 65 |
| ÖLFLEX CLASSIC 100 4 G 1,0 | Lapp 00100434 | 4 G 1,0 | 6,5 | 38.4 | 79 |
| ÖLFLEX CLASSIC 100 4 X 1,0 | Lapp 00102044 | 4 X 1,0 | 6,5 | 38.4 | 79 |
| ÖLFLEX CLASSIC 100 5 G 1,0 | Lapp 00100444 | 5 G 1,0 | 7,1 | 48.0 | 94 |
| ÖLFLEX CLASSIC 100 5 X 1,0 | Lapp 00102054 | 5 X 1,0 | 7,1 | 48.0 | 94 |
| ÖLFLEX CLASSIC 100 6 G 1,0 | Lapp 0010045 | 6 G 1,0 | 8.0 | 58.0 | 124 |
| ÖLFLEX CLASSIC 100 7 G 1,0 | Lapp 0010046 | 7 G 1,0 | 8.0 | 67.0 | 131 |
| ÖLFLEX CLASSIC 100 8 G 1,0 | Lapp 0010047 | 8 G 1,0 | 9,5 | 77.0 | 146 |
| ÖLFLEX CLASSIC 100 10 G 1,0 | Lapp 0010049 | 10 G 1,0 | 10,2 | 96.0 | 183 |
| ÖLFLEX CLASSIC 100 12 G 1,0 | Lapp 0010050 | 12 G 1,0 | 10,5 | 115.0 | 215 |
| ÖLFLEX CLASSIC 100 16 G 1,0 | Lapp 0010052 | 16 G 1,0 | 11,8 | 154.0 | 282 |
| ÖLFLEX CLASSIC 100 18 G 1,0 | Lapp 0010053 | 18 G 1,0 | 12,7 | 173.0 | 315 |

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|---|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 100 20 G 1,0 | Lapp 0010054 | 20 G 1,0 | 13,4 | 192.0 | 350 |
| ÖLFLEX CLASSIC 100 25 G 1,0 | Lapp 0010056 | 25 G 1,0 | 14,7 | 240.0 | 449 |
| ÖLFLEX CLASSIC 100 2 X 1,5 | Lapp 00100634 | 2 X 1,5 | 6,3 | 28.8 | 68 |
| ÖLFLEX CLASSIC 100 3 G 1,5 | Lapp 00100644 | 3 G 1,5 | 6,7 | 43.2 | 84 |
| ÖLFLEX CLASSIC 100 3 X 1,5 | Lapp 00101284 | 3 X 1,5 | 6,7 | 43.2 | 84 |
| ÖLFLEX CLASSIC 100 4 G 1,5 | Lapp 00100654 | 4 G 1,5 | 7,2 | 57.6 | 104 |
| ÖLFLEX CLASSIC 100 4 X 1,5 | Lapp 00101294 | 4 X 1,5 | 7,2 | 57.6 | 104 |
| ÖLFLEX CLASSIC 100 5 G 1,5 | Lapp 00100664 | 5 G 1,5 | 8,1 | 72.0 | 128 |
| ÖLFLEX CLASSIC 100 5 X 1,5 | Lapp 00101304 | 5 X 1,5 | 8,1 | 72.0 | 128 |
| ÖLFLEX CLASSIC 100 7 G 1,5 | Lapp 0010068 | 7 G 1,5 | 8,9 | 101.0 | 166 |
| ÖLFLEX CLASSIC 100 8 G 1,5 | Lapp 0010069 | 8 G 1,5 | 10,6 | 115.0 | 205 |
| ÖLFLEX CLASSIC 100 12 G 1,5 | Lapp 0010071 | 12 G 1,5 | 12,0 | 173.0 | 307 |
| ÖLFLEX CLASSIC 100 14 G 1,5 | Lapp 0010072 | 14 G 1,5 | 12,7 | 202.0 | 349 |
| ÖLFLEX CLASSIC 100 18 G 1,5 | Lapp 0010074 | 18 G 1,5 | 14,4 | 259.0 | 465 |
| ÖLFLEX CLASSIC 100 25 G 1,5 | Lapp 0010076 | 25 G 1,5 | 16,9 | 360.0 | 655 |
| ÖLFLEX® CLASSIC 100; U ₀ /U: 450/750 V | | | | | |
| ÖLFLEX CLASSIC 100 2 X 2,5 | Lapp 0010086 | 2 X 2,5 | 8,9 | 48.0 | 128 |
| ÖLFLEX CLASSIC 100 3 G 2,5 | Lapp 0010087 | 3 G 2,5 | 9,6 | 72.0 | 162 |
| ÖLFLEX CLASSIC 100 3 X 2,5 | Lapp 00100933 | 3 X 2,5 | 9,6 | 72.0 | 162 |
| ÖLFLEX CLASSIC 100 4 G 2,5 | Lapp 00100883 | 4 G 2,5 | 10,7 | 96.0 | 203 |
| ÖLFLEX CLASSIC 100 5 G 2,5 | Lapp 00100893 | 5 G 2,5 | 11,8 | 120.0 | 242 |
| ÖLFLEX CLASSIC 100 7 G 2,5 | Lapp 0010091 | 7 G 2,5 | 13,1 | 168.0 | 321 |
| ÖLFLEX CLASSIC 100 8 G 2,5 | Lapp 0010092 | 8 G 2,5 | 15,8 | 192.0 | 385 |
| ÖLFLEX CLASSIC 100 2 X 4 | Lapp 0010100 | 2 X 4 | 10,4 | 76.8 | 187 |
| ÖLFLEX CLASSIC 100 3 G 4 | Lapp 0010210 | 3 G 4 | 11,2 | 115.2 | 244 |
| ÖLFLEX CLASSIC 100 4 G 4 | Lapp 00101013 | 4 G 4 | 12,5 | 154.0 | 297 |

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|---------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 100 5 G 4 | Lapp 00101023 | 5 G 4 | 13,7 | 192.0 | 355 |
| ÖLFLEX CLASSIC 100 7 G 4 | Lapp 0010103 | 7 G 4 | 15,2 | 269.0 | 471 |
| ÖLFLEX CLASSIC 100 3 G 6 | Lapp 0010105 | 3 G 6 | 12,6 | 173.0 | 318 |
| ÖLFLEX CLASSIC 100 4 G 6 | Lapp 00101063 | 4 G 6 | 13,8 | 230.0 | 394 |
| ÖLFLEX CLASSIC 100 5 G 6 | Lapp 00101073 | 5 G 6 | 15,6 | 288.0 | 489 |
| ÖLFLEX CLASSIC 100 7 G 6 | Lapp 0010108 | 7 G 6 | 17,3 | 403.0 | 651 |
| ÖLFLEX CLASSIC 100 3 G 10 | Lapp 0010301 | 3 G 10 | 15,9 | 288.0 | 516 |
| ÖLFLEX CLASSIC 100 4 G 10 | Lapp 00101093 | 4 G 10 | 17,6 | 384.0 | 650 |
| ÖLFLEX CLASSIC 100 5 G 10 | Lapp 00101103 | 5 G 10 | 19,7 | 480.0 | 792 |
| ÖLFLEX CLASSIC 100 7 G 10 | Lapp 0010111 | 7 G 10 | 21,7 | 672.0 | 1058 |
| ÖLFLEX CLASSIC 100 3 G 16 | Lapp 0010302 | 3 G 16 | 18,3 | 461.0 | 728 |
| ÖLFLEX CLASSIC 100 4 G 16 | Lapp 00101123 | 4 G 16 | 20,4 | 614.0 | 1087 |
| ÖLFLEX CLASSIC 100 5 G 16 | Lapp 00101133 | 5 G 16 | 22,8 | 768.0 | 1118 |
| ÖLFLEX CLASSIC 100 3 G 25 | Lapp 0010303 | 3 G 25 | 23.0 | 720.0 | 1388 |
| ÖLFLEX CLASSIC 100 4 G 25 | Lapp 00101153 | 4 G 25 | 25,4 | 960.0 | 1582 |
| ÖLFLEX CLASSIC 100 5 G 25 | Lapp 00101163 | 5 G 25 | 28,5 | 1200.0 | 1771 |
| ÖLFLEX CLASSIC 100 3 G 35 | Lapp 0010304 | 3 G 35 | 25,6 | 1008.0 | 1766 |
| ÖLFLEX CLASSIC 100 4 G 35 | Lapp 00101173 | 4 G 35 | 28,5 | 1344.0 | 2106 |
| ÖLFLEX CLASSIC 100 5 G 35 | Lapp 00101183 | 5 G 35 | 31,9 | 1680.0 | 2635 |
| ÖLFLEX CLASSIC 100 3 G 50 | Lapp 0010305 | 3 G 50 | 31.0 | 1440.0 | 2556 |
| ÖLFLEX CLASSIC 100 4 G 50 | Lapp 00101193 | 4 G 50 | 34,5 | 1920.0 | 2943 |
| ÖLFLEX CLASSIC 100 5 G 50 | Lapp 00103133 | 5 G 50 | 38,6 | 2400.0 | 3936 |
| ÖLFLEX CLASSIC 100 3 G 70 | Lapp 0010306 | 3 G 70 | 35,3 | 2016.0 | 3182 |
| ÖLFLEX CLASSIC 100 4 G 70 | Lapp 00101203 | 4 G 70 | 39,4 | 2688.0 | 4092 |
| ÖLFLEX CLASSIC 100 5 G 70 | Lapp 00103143 | 5 G 70 | 44,1 | 3360.0 | 4800 |
| ÖLFLEX CLASSIC 100 3 G 95 | Lapp 0010307 | 3 G 95 | 41,3 | 2736.0 | 4675 |

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|-------------------------------|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX CLASSIC 100 4 G 95 | Lapp 00101213 | 4 G 95 | 45,8 | 3648.0 | 5290 |
| ÖLFLEX CLASSIC 100 5 G 95 | Lapp 00103153 | 5 G 95 | 51,6 | 4560.0 | 5600 |
| ÖLFLEX CLASSIC 100 3 G 120 | Lapp 0010308 | 3 G 120 | 47,6 | 3456.0 | 5626 |
| ÖLFLEX CLASSIC 100 4 G 120 | Lapp 00103093 | 4 G 120 | 53,1 | 4608.0 | 6994 |
| ÖLFLEX CLASSIC 100 4 G 150 | Lapp 00103113 | 4 G 150 | 57,4 | 5760.0 | 7500 |
| ÖLFLEX CLASSIC 100 4 G 185 | Lapp 00103123 | 4 G 185 | 62,8 | 7104.0 | 8300 |