



**Description:** ÖLFLEX CLASSIC 100 21 G 0,5\_

**Lapp code:** Lapp 0010011

The **Test voltage** of the cable Lapp 0010011 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 0010011 and much more.

CABLE LIST - all informations you need you can find here

| Product Name                                      | Lapp Nr.      | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|---|---------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 100; U <sub>0</sub> /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             |

**ÖLFLEX CLASSIC 100 21 G 0,5\_**

Lapp 0010011



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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            |

# ÖLFLEX CLASSIC 100 21 G 0,5\_

Lapp 0010011



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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 <sub>0</sub> /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<br>4 G 95  | Lapp 00101213 | 4 G 95  | 45,8                | 3648.0               | 5290           |
| ÖLFLEX CLASSIC 100<br>5 G 95  | Lapp 00103153 | 5 G 95  | 51,6                | 4560.0               | 5600           |
| ÖLFLEX CLASSIC 100<br>3 G 120 | Lapp 0010308  | 3 G 120   | 47,6                | 3456.0               | 5626           |
| ÖLFLEX CLASSIC 100<br>4 G 120 | Lapp 00103093 | 4 G 120   | 53,1                | 4608.0               | 6994           |
| ÖLFLEX CLASSIC 100<br>4 G 150 | Lapp 00103113 | 4 G 150   | 57,4                | 5760.0               | 7500           |
| ÖLFLEX CLASSIC 100<br>4 G 185 | Lapp 00103123 | 4 G 185   | 62,8                | 7104.0               | 8300           |