



**Description:** ÖLFLEX SERVO FD 796 CP 4 G 50 + (2 x 1,5)\_

**Lapp code:** Lapp 0027967

The **Test voltage** of the cable Lapp 0027967 is Core/Core: 4 kV Core/Screen: 4 kV.

## Application range

- Connecting cable between servo controller and motor
- In power chains or moving machine parts
- For use in assembling & pick-and-place machinery
- Particularly in wet areas of machine tools and transfer lines
- Assembly lines, production lines, in all kinds of machines

## Product Make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: polypropylene (PP)
- Individual design depending on the item: power cores with or without one or two individually screened control core pairs twisted together in short lay lengths
- Non-woven wrapping
- Tinned-copper braiding
- PUR outer sheath, orange (RAL 2003)

In our Cable list on next page you can find all interesting information acc. article Lapp 0027967 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® SERVO FD 796 CP                         |              |   |                     |                      |                |
| ÖLFLEX SERVO FD 796 CP 4 G 1,5                  | Lapp 0027950 | 4 G 1,5   | 9.1                 | 79.0                 | 140            |
| ÖLFLEX SERVO FD 796 CP 4 G 2,5                  | Lapp 0027951 | 4 G 2,5   | 10.6                | 129.0                | 197            |
| ÖLFLEX SERVO FD 796 CP 4 G 4                    | Lapp 0027952 | 4 G 4   | 11.9                | 186.0                | 268            |
| ÖLFLEX SERVO FD 796 CP 4 G 6                    | Lapp 0027953 | 4 G 6   | 14.5                | 296.0                | 397            |
| ÖLFLEX SERVO FD 796 CP 4 G 10                   | Lapp 0027954 | 4 G 10  | 17.5                | 449.0                | 591            |
| ÖLFLEX SERVO FD 796 CP 4 G 16                   | Lapp 0027955 | 4 G 16  | 21.6                | 716.0                | 955            |
| ÖLFLEX SERVO FD 796 CP 4 G 25                   | Lapp 0027956 | 4 G 25  | 25.2                | 1073.0               | 1337           |
| ÖLFLEX SERVO FD 796 CP 4 G 35                   | Lapp 0027957 | 4 G 35  | 28.6                | 1480.0               | 1769           |
| ÖLFLEX SERVO FD 796 CP 4 G 50                   | Lapp 0027958 | 4 G 50  | 33.4                | 2115.0               | 2468           |
| ÖLFLEX SERVO FD 796 CP 4 G 1,5 + (2 x 1,5)      | Lapp 0027959 | 4 G 1,5 + (2 x 1,5)                               | 11.6                | 135.0                | 261            |
| ÖLFLEX SERVO FD 796 CP 4 G 2,5 + (2 x 1,5)      | Lapp 0027960 | 4 G 2,5 + (2 x 1,5)                               | 13.4                | 188.0                | 318            |
| ÖLFLEX SERVO FD 796 CP 4 G 4 + (2 x 1,5)        | Lapp 0027961 | 4 G 4 + (2 x 1,5)                                 | 14.8                | 235.0                | 385            |
| ÖLFLEX SERVO FD 796 CP 4 G 6 + (2 x 1,5)        | Lapp 0027962 | 4 G 6 + (2 x 1,5)                                 | 16.8                | 329.0                | 486            |
| ÖLFLEX SERVO FD 796 CP 4 G 10 + (2 x 1,5)       | Lapp 0027963 | 4 G 10 + (2 x 1,5)                                | 19.4                | 515.0                | 701            |
| ÖLFLEX SERVO FD 796 CP 4 G 16 + (2 x 1,5)       | Lapp 0027964 | 4 G 16 + (2 x 1,5)                                | 23.1                | 757.0                | 1048           |
| ÖLFLEX SERVO FD 796 CP 4 G 25 + (2 x 1,5)       | Lapp 0027965 | 4 G 25 + (2 x 1,5)                                | 26.6                | 1147.0               | 1532           |
| ÖLFLEX SERVO FD 796 CP 4 G 35 + (2 x 1,5)       | Lapp 0027966 | 4 G 35 + (2 x 1,5)                                | 30.9                | 1538.0               | 2097           |
| ÖLFLEX SERVO FD 796 CP 4 G 50 + (2 x 1,5)       | Lapp 0027967 | 4 G 50 + (2 x 1,5)                                | 34.0                | 2181.0               | 2721           |
| ÖLFLEX SERVO FD 796 CP 4 G 1,5 + 2 x (2 x 0,75) | Lapp 0027969 | 4 G 1,5 + 2 x (2 x 0,75)                          | 12.2                | 159.0                | 313            |
| ÖLFLEX SERVO FD 796 CP 4 G 2,5 + 2 x (2 x 1,0)  | Lapp 0027970 | 4 G 2,5 + 2 x (2 x 1,0)                           | 14.6                | 207.0                | 395            |
| ÖLFLEX SERVO FD 796 CP 4 G 4 + 2 x (2 x 1,0)    | Lapp 0027980 | 4 G 4 + 2 x (2 x 1,0)                             | 16.1                | 274.0                | 466            |

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Lapp 0027967



| 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 SERVO FD 796 CP 4 G 4 + (2 x 1,0) + (2 x 1,5)  | Lapp 0027971 | 4 G 4 + (2 x 1,0) + (2 x 1,5)                     | 16.3                | 344.0                | 485            |
| ÖLFLEX SERVO FD 796 CP 4 G 6 + (2 x 1,0) + (2 x 1,5)  | Lapp 0027972 | 4 G 6 + (2 x 1,0) + (2 x 1,5)                     | 18.1                | 436.0                | 588            |
| ÖLFLEX SERVO FD 796 CP 4 G 10 + (2 x 1,0) + (2 x 1,5) | Lapp 0027973 | 4 G 10 + (2 x 1,0) + (2 x 1,5)                    | 21.8                | 610.0                | 819            |
| ÖLFLEX SERVO FD 796 CP 4 G 16 + 2 x (2 x 1,5)         | Lapp 0027974 | 4 G 16 + 2 x (2 x 1,5)                            | 25.5                | 801.0                | 1135           |
| ÖLFLEX SERVO FD 796 CP 4 G 25 + 2 x (2 x 1,5)         | Lapp 0027975 | 4 G 25 + 2 x (2 x 1,5)                            | 28.8                | 1187.0               | 1559           |
| ÖLFLEX SERVO FD 796 CP 4 G 35 + 2 x (2 x 1,5)         | Lapp 0027976 | 4 G 35 + 2 x (2 x 1,5)                            | 30.9                | 1588.0               | 2093           |
| ÖLFLEX SERVO FD 796 CP 4 G 50 + 2 x (2 x 2,5)         | Lapp 0027977 | 4 G 50 + 2 x (2 x 2,5)                            | 36.3                | 2557.0               | 2920           |