



Description: ÖLFLEX SERVO FD 796 CP 4 G 4 + (2 x 1,0) + (2 x 1,5)_

Lapp code: Lapp 0027971

The **Test voltage** of the cable Lapp 0027971 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 0027971 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® 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 0027971



| Product Name | Lapp Nr. | Number of cores and mm ² 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 |