



ÖLFLEX® SERVO FD 781 CY

Servo cable, screened

Info

- Core Line for ordinary duty in power chain applications
- EMC-compliant

LAPP KABEL STUÏTGART ÖLFLEX® SERVO FD 781 CY
DESINA, CE



Benefits

- Well-priced
- Well-proven and reliable

Application range

- Connecting cable between Frequency converter and motor
- For power circuits in machine cabling
- In dry, damp or wet interiors with normal mechanical stress conditions
- Only for outdoor use within the indicated operating temperature range, with UV-protection

Product features

- Low capacitance design allows a longer cable connection between the frequency converter and the motor
- Oil-resistant
- Flame-retardant according to IEC 60332.1.2
- Low-adhesive surface
- Designed for 2 up to 8 million bending/unbending cycles in power chain applications.

Norm references / Approvals

- Based on VDE 0250 / 0285
- For travel distances up to 10 m.
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: polypropylene (PP)
- Cores twisted in short lay lengths
- Non-woven wrapping
- Tinned-copper braiding
- PVC outer sheath, orange (RAL 2003)

Technical data

	Classification ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
	Core identification code Black with white numbers acc. to VDE 0293-1
	Specific insulation resistance > 20 GOhm x cm
	Conductor stranding Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
	Minimum bending radius Flexible use: 7.5 x outer diameter Fixed installation: 4 x outer diameter
	Nominal voltage U ₀ /U: 0.6/1.0 kV
	Test voltage 4000 V
	Protective conductor G = with gn-ye protective conductor
	Temperature range Flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® SERVO FD 781 CY				
0036320	4 G 1.5	9.8	89.0	157
0036321	4 G 2.5	11.9	133.8	233
0036322	4 G 4	13.5	210.9	335
0036324	4 G 10	19.7	488.2	747
0036325	4 G 16	23.9	744.8	1109
0036327	4 G 35	33.3	1,565.4	2264
0036328	4 G 50	38.3	2,174.9	3090

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. Refer to catalogue appendix T 17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- ÖLFLEX® SERVO FD 796 CP refer to page 101
- SERVO cables in acc. to SIEMENS® Standard 6FX 8PLUS refer to page 103

Accessories

- Rectangular connectors refer to page 488
- EPIC® CIRCON LS1 refer to page 627
- SKINTOP® EMC/Earthing refer to page 674