



Servo cable, screened

Well-priced; Well-proven and reliable

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



Product description

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

Benefits

- Well-priced
- Well-proven and reliable

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)

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 features

- Longer cable connection between the frequency converter and drive due to low capacitance design
- 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

Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
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