ÖLFLEX® SERVO 719 CY

Screened servo cable - certified for North America

Suitable for use with servomotor product lines from leading drive manufacturers; Longer cable installation lengths thanks to low mutual capacitance cable design; Multi-standard certification reduces part varieties and saves costs; Space and weight-saving installations due to small cable diameters; Copper braiding screens the cable against electromagnetic interference

- Substitudes ÖLFLEX® SERVO 700 CY and ÖLFLEX® SERVO 709 CY
- Low-capacitance design
- EMC-compliant

Product description

Application range

- Connecting cable between servo controller and motor
- For static and occasionally flexible use
- Plant engineering
- Machine tools
- Printing machines

Benefits

- Suitable for use with servomotor product lines from leading drive manufacturers
- Longer cable installation lengths thanks to low mutual capacitance cable design

- Multi-standard certification reduces part varieties and saves costs
- Space and weight-saving installations due to small cable diameters
- Copper braiding screens the cable against electromagnetic interference

Product Make-up

- Fine-wire strand made of bare copper wires
- 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
- Tinned copper screen braiding
- PVC outer sheath, orange (RAL 2003)

Norm references / Approvals

- USA: UL AWM Style 2570
  Canada: cUL AWM Style I/II A/B FT1
- UL File No. E63634

Product features

- Low capacitance
- Flammability:
  UL/CSA: VW-1, FT1
  IEC/EN: 60332-1-2
- Oil-resistant
- EMC-compliant

Technical Data

Core identification code	Power cores: black with marking U/L1/C/L+ V/L2 W/L3/D /L- GN/YE protective conductor Single-paired versions: black white Double-paired versions: black with white numbers 5 6 7 8 0,34mm² pairs: WH/BN/GN/YE
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage	VDE: power cores and control cores: U_0/U: 600/1000 V

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Test voltage	UL & CSA: 1000 V Core/Core: 4 kV Core/Screen: 4 kV
Protective conductor	G = with GN-YE protective conductor
Temperature range	Occasional flexing: -5°C to +70°C (UL: +80°C) Fixed installation: -40°C to +80°C