ÖLFLEX® SERVO 709 CY

Servo cable, approved

One common cable for multiple circuits; Multi-standard approval reduces part varieties and saves costs

- Servo drives
- EMC-compliant

Product description

Application range

- Connecting cable between Frequency converter and motor
- Connecting cable between servo controller and motor
- Plant engineering
- Machine tools
- Printing machines

Benefits

- One common cable for multiple circuits
- Multi-standard approval reduces part varieties and saves costs

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC
- Control pair with laminated aluminium film and tinned-copper wire screening
- Tinned-copper braiding
- PVC outer sheath, orange (RAL 2003)

Norm references / Approvals

- USA UL AWM Style 20886 VW1; Canada cRU AWM II A/B FT1
- Based on VDE 0245, 250, 281
- UL File No. E63634

Product features

- Oil-resistant
- Flame-retardant according to IEC 60332-1-2 & CSA FT1
- Fixed installation
- Occasional flexing

Technical Data

Core identification code	Supply cores: black with white numbers 1-3 according to VDE 0293-1 and GN/YE protective conductor Control cores: black with white numbers 5-8 (numbering increases in line with cross-section) 0.34 mm² pairs: WH/BR/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	IEC: power cores: 600/1000 V Control cores: 300/500 V UL: power cores: U: 1000 V Control core pairs: U: 1000 V
Test voltage	Power cores: C/C & C/S 4000 V Control cores: C/C: 4000 V C/S: 3000 V
Protective conductor	G = with GN-YE protective conductor
Temperature range	Ocassional flexing: -5°C to +90°C Fixed installation: -40°C to +90°C