Servo cable, screened

One common cable for multiple circuits; Total screening reduces interferences from nearby cables

- Servo drives
- EMC-compliant

Product description

Application range

- Connecting cable between Frequency converter and motor
- Connecting cable between servo controller and motor

Benefits

- One common cable for multiple circuits
- Total screening reduces interferences from nearby cables

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: PVC
- Control pairs 0.34 mm², colour-coded, from 0.5 mm² black with consecutive imprinted numbering
## ÖLFLEX® SERVO 700 CY

- Control pair with laminated aluminium film and tinned-copper wire screening
- The model with one control pair does not have laminated aluminium foil (FDF).
- Tinned-copper braiding
- PVC outer sheath, grey (RAL 7001)

### Norm references / Approvals

- Core based on VDE 0812/0250/0285
- Outer sheath based on VDE 0245/0285

### Product features

- Fixed installation
- Occasional flexing
- In dry, damp or wet interiors
- Only for outdoor use within the indicated operating temperature range, with UV-protection
- Flame-retardant according to IEC 60332.1.2

### Technical Data

| Core identification code | Supply cores: black with white numbers 1-3 according to VDE 0293-1 and GN/YE protective conductor  
| Class 5 | Control cores: black with white numbers 5-8 (numbering increases in line with cross-section) |
| Classification | ETIM 5.0 Class-ID: EC000104 |
| Conductor stranding | ETIM 5.0 Class-Description: Control cable  
| Class 5 | Fine wire according to VDE 0295 Class 5/ IEC 60228 |
| Minimum bending radius | Occasional flexing: 20 x outer diameter  
| Fixed installation: 6 x outer diameter |
| Nominal voltage | Supply cores: 600/1000 V  
| Control core pairs: 250 V/AC |
| Test voltage | Supply cores: C/C  
| C/S: 4000 V  
| 2000V |
| Protective conductor | Control cores: C/C: 1500 V, C/S: 750 V  
| G = with GN-YE protective conductor  
| X = without protective conductor |
| Temperature range | Occasional flexing: -5°C to +80°C  
| Fixed installation: -40°C to +80°C |