ÖLFLEX® SERVO 700

Servo cable

One common cable for multiple circuits

- Servo drives
- Power, brake, temperature

CE RoHS

Product description

Application range

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

Benefits

- One common cable for multiple circuits

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
- Control pair with laminated aluminium film and tinned-copper wire screening
- The model with one control pair does not have laminated aluminium foil (FDF).
- 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 with normal mechanical stress conditions
- 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 0036 001: coloured according to VDE 0293-1 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: 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 Control cores: C/C: 1500 V, C/S: 750 V
Protective conductor	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