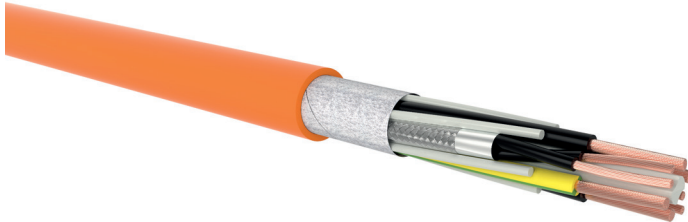


FLEXICS® CHAIN SERVO 911

PP/PUR servo-motor supply cable, halogen-free for drag chain application, unshielded

DESIGN



- 1 | Bare copper conductors, super fine wires class 6 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on polypropylene (PP)
- 3 | Control pairs individually screened with plastic laminated aluminium tape and tinned copper wires
- 4 | Cores stranded together in short lay-lengths
- 5 | Non-woven tape separation
- 6 | Special polyurethane (PUR) outer sheath, colour: orange (RAL 2003) or grey (RAL 7001)

APPLICATION

Highly flexible PP/PUR connection cable for frequency converters and servo motors, especially for continuous moving machine parts, e.g. within C-tracks. FLEXICS® CHAIN SERVO 911 cables are designed for indoor applications when exposed to high mechanical stress and increased resistance against a wide range of oils, greases, coolants and lubricants.

TECHNICAL DATA



Rated voltage:
0.6/1 kV (U₀/U)



Test voltage:
core / core 4000 V / 50 Hz



Temperature range:
fixed installation: -50 °C up to 80 °C
flexible use: -30 °C up to 80 °C



Bending radius (min.):
fixed installation: 5 x Ø of cable
flexible use: 7.5 x Ø of cable



Core identification:
supply cores: black (continuously numbered) with green/yellow ground conductor
control cores: black with number printing



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant



Bending cycles:
5 million
for detailed application in drag chains see "General Technical Information" section

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® CHAIN SERVO 911			
4 G 1.5 + 2 x (2 x 0.75)	14.0	96	235
4 G 2.5 + 2 x (2 x 0.75)	14.6	134	291
4 G 4 + (2 x 0.75) + (2 x 1)	16.1	206	370
4 G 6 + (2 x 0.75) + (2 x 1)	17.6	283	472
4 G 1.5 + (2 x 1)	12.0	87	186
4 G 2.5 + (2 x 1)	12.7	125	241
4 G 4 + (2 x 1)	14.8	182	326
4 G 6 + (2 x 1)	16.4	259	433

Technical changes reserved. All figures are therefore without guarantee.

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