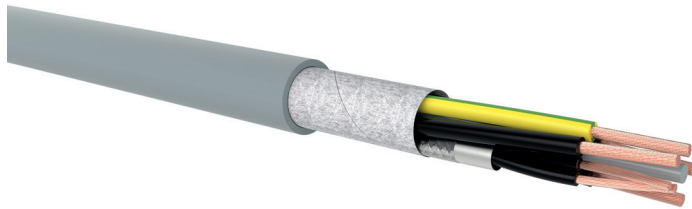


FLEXICS® SERVO

PVC/PVC servo-motor supply cable, unshielded

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 | Control pairs individually screened with plastic laminated aluminium tape and tinned copper wires. Aluminium tape is not applied for 1-pair versions
- 4 | Cores are stranded together with optimal lay-length
- 5 | Non-woven tape separation
- 6 | Outer sheath of special compound based on polyvinyl chloride (PVC), colour: grey (RAL 7001)

APPLICATION

PVC/PVC connection cable especially for frequency converters and servo motors. FLEXICS® SERVO cable are designed for fixed or flexible indoor installations without guidance and/or tensile stress.

TECHNICAL DATA



Rated voltage:
0.6/1 kV (U₀/U)



Test voltage:
core / core 4000 V / 50 Hz



Temperature range:
fixed installation: -30 °C up to 80 °C
flexible use: -5 °C up to 70 °C



Bending radius (min.):
fixed installation: 7.5 x Ø of cable
flexible use: 20 x Ø of cable



Core identification:
supply cores: black (continuously numbered) with green/yellow ground conductor
control pairs 0.34 mm²: colour coded
control pairs from 0.75 mm²: black with white numbers



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

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SERVO			
4 G 1.5 + (2 x 0.75)	11.6	98	184
5 G 1.5 + (2 x 0.75)	12.6	110	213
7 G 1.5 + (2 x 0.75)	12.8	144	251
4 G 2.5 + (2 x 0.75)	13.2	139	246
5 G 2.5 + (2 x 0.75)	14.5	159	297
7 G 2.5 + (2 x 0.75)	15.5	216	373
4 G 0.75 + 2 x (2 x 0.34)	9.6	92	133
4 G 1.5 + 2 x (2 x 0.75)	12.4	101	225
4 G 2.5 + (2 x 2 x 0.75)	13.7	142	275
4 G 4 + (2 x 0.75 + 2 x 1)	15.4	218	369
4 G 6 + (2 x 0.75 + 2 x 1)	16.6	295	458
4 G 10 + (2 x 0.75 + 2 x 1)	20.4	448	705
4 G 16 + (2 x 2 x 1)	23.2	669	976
4 G 25 + (2 x 2 x 1.5)	29.0	1060	1524

Technical changes reserved. All figures are therefore without guarantee.

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