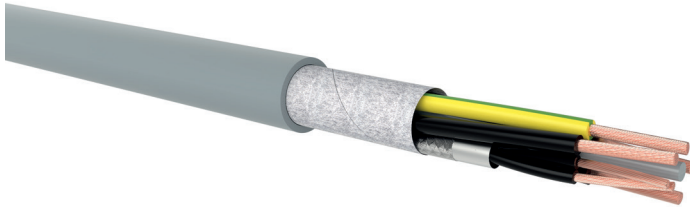


FLEXICS® SERVO UL/c(UL)

UL recognized PVC/PVC servo-motor supply cable, unscreened

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 UL/c(UL) 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)
1000 V (UL/CSA)



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
UL: vertical flame test VW-1, cable flame test CSA: FT1



Certificate:
UL AWM Style 20886
CSA C22.2 No. 210-11, AWM

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SERVO UL/c(UL)			
4 G 1.5 + (2 x 0.75)	13.0	98	230
5 G 1.5 + (2 x 0.75)	13.8	110	258
7 G 1.5 + (2 x 0.75)	13.9	144	299
4 G 2.5 + (2 x 0.75)	14.4	139	294
5 G 2.5 + (2 x 0.75)	15.5	159	349
7 G 2.5 + (2 x 0.75)	16.4	216	429
4 G 0.75 + 2 x (2 x 0.34)	11.6	92	201
4 G 1.5 + 2 x (2 x 0.75)	14.0	101	294
4 G 2.5 + (2 x 2 x 0.75)	15.1	142	349
4 G 4 + (2 x 0.75 + 2 x 1)	16.8	218	443
4 G 6 + (2 x 0.75 + 2 x 1)	18.0	295	532
4 G 10 + (2 x 0.75 + 2 x 1)	21.7	448	799
4 G 16 + (2 x 2 x 1)	24.4	669	1078
4 G 25 + (2 x 2 x 1.5)	30.1	1060	1713

Technical changes reserved. All figures are therefore without guarantee.

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