

SERVO cable EFK SERVO-CP acc. to INDRAMAT[®] Standard INK



Application: Connection cable between servo controller and frequency driven motor. For application in machine tools and drag chains with medium mechanical stress. Please pay attention to our instructions for the use of drag-chain cables.

Additional information: Indramat part numbers (INK...) are registered trade marks of Bosch Rexroth AG and used only as reference.

Construction

Specification/standard: UL/CSA

conductor material: bare copper

conductor construction: fine stranded class 6

insulation: TPE

screen coverage: 85 %

sheathing material: polyurethan

colour of outer sheath: orange RAL 2003 (DESINA)

Bending cycles, max.: 5 Mio.

Moving distance, max.: 100 m

core identification: gn-ye + numbers



fine stranded class 6



max. operating temperature, fixed: -50 - +80°C



temperature, moved/during installation: -40 - +80°C



bending radius, fixed installation: 5 x DA
moved application: 7,5 x DA



nominal voltage U_0 : 600 V



nominal voltage U : 1 kV



test voltage: 4 kV



flame retardant:
VDE 0482-332-1-2/IEC 60332-1



oil resistant: EN 60811-2-1



halogen free:
DIN EN 50267/IEC 60754



installation in free air
without protection
(cable UV-resistant)



cable suitable for drag-chains



screened cable

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p/n	part name	D _A [mm]	Cu [kg/km]	G [kg]
EFK SERVO-CP INDRAMAT				
035268	[4G0,75 + (2X0,5)StD] OR cUL - INK-0670	10	145	88
035269	[4G1 + 2x(2x0,75)StC] OR cUL - INK-0653	12,3	226	170
035270	[4G1,5 + 2x(2x0,75)StC] OR cUL - INK-0650	12,3	260	189
035271	[4G2,5 + 2x(2x1)StC] OR cUL - INK-0602	14,8	326	229
035272	[4G4 + (2x1,5)StC + (2x1,0)StC] OR cUL - INK-0603	17	458	318
035165	[4G6 + (2x1,5)StC + (2x1,0)StC] OR cUL - INK-0604	18,5	584	445
035273	[4G10 + (2x1,5)StC + (2x1,0)StC] OR cUL - INK-0605	21,9	846	610
035274	[4G16 + 2x(2x1,5)StC] OR cUL - INK-0606	25,5	1154	904
035275	[4G25 + 2x(2x1,5)StC] OR cUL - INK-0607	29,5	1588	1323
035276	[4G35 + 2x(2x1,5)StC] OR cUL - INK-0667	31	2097	1645
035804	[4G50 + 2x(2x1,5)StC] OR cUL - INK-0668	37,4	2980	2600

DA: outer diameter

G: weight

Cu: copper