



Novosafe Servo CP-D

Halogen free shielded (EMC) servo cable for drag chains 0,6/1 kV

Specification

STANDARD	VDE 0207, 0250, 0293, 0472, 0812, 0295, IEC 60228 kl. 6
APPROVALS	Complies to Swedish and European standard acc. to SS EN 60204 and UL/CSA
RATED VOLTAGE U ₀ /U	0,6/1kV
RATED VOLTAGE ACC TO. UL/CSA	1000V
CONDUCTOR CLASS	Class 6 = extra fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Polypropylene (PP)
CORE IDENTIFICATION	Black with white printing (U/L1/C/L+, V/L2, W/L3/D/L-) + Gr/yel; Signal-pair: White-black
PROTECTIVE CONDUCTOR	Yellow/Green
SHIELD CONTROL PAIRS	Copper wire
OVERALL SHIELD	Braided tinned copper wire
SHIELD COVERAGE	Approx. 85%
OUTER SHEATH	PUR
SHEAT COLOUR	Orange RAL 2003
BENDING RADIUS FIXED	3 x outerdiameter ≤ 16mm ² , 5 x outerdiameter ≥ 25mm ²
BENDING RADIUS MOVED	6 x outerdiameter ≤ 16mm ² , 10 x outerdiameter ≥ 25mm ²
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+90°C
MIN OPERATING TEMPERATURE MOVED	-30°C
MAX OPERATING TEMPERATURE MOVED	+90°C

TESTING VOLTAGE	Core/Core 4000V, Core/Screen 1500V, Screen/Screen 500V
INSULATION RESISTANCE	≥20 MOhm x km at +20°C
OIL RESISTANCE	EN 50363-10-2, UL 1581
UV RESISTANT ACC. TO	EN 50289-4-17, ASTM-D-2565-16, ISO 4892-2
OZONE RESISTANS ACC	EN 50396 art. 8.1.3
HALOGEN-FREE ACC. TO	IEC 60754
FLAME RETARDANT	IEC 60332-1, UL1581 VW1, CSA FT1

Variants

E-NUMBER	DIMENSION N X MM²	MANUFACTURER SPEC	OUTER DIAMETER MM	WEIGHT KG/100M
N7575020	4G0,75+(2x0,5)	Bosch/Rexroth	10	18.2
0269530	4G1,0+2x(2x0,75)	Bosch/Rexroth	12	20.3
0269540	4G1,5+2x(2x0,75)	Bosch/Rexroth	13	22.8
0269550	4G2,5+2x(2x1)	Bosch/Rexroth	14.8	34.3
0269560	4G4+(2x1)+(2x1,5)	Bosch/Rexroth	16.3	44.9
0269570	4G6+(2x1)+(2x1,5)	Bosch/Rexroth	18.6	57.2
0269580	4G10+(2x1)+(2x1,5)	Bosch/Rexroth	22	88.1
0269590	4G16+(2x1)+(2x1,5)	Bosch/Rexroth	25.9	169
0269600	4G25+2x(2x1,5)	Bosch/Rexroth	28.9	1169
0269610	4G35+2x(2x1,5)	Bosch/Rexroth	31.4	196.9
0269620	4G50+2x(2x2,5)	Bosch/Rexroth	37	287
0269630	4G1,5+(2X1,5)	Siemens	11.7	25.1
0269640	4G2,5+(2X1,5)	Siemens	13.4	31.6
0269650	4G4+(2X1,5)	Siemens	14.9	40.8
0269660	4G6+(2X1,5)	Siemens	16.8	53.5
0269670	4G10+(2X1,5)	Siemens	19.9	75.5
0269680	4G16+(2X1,5)	Siemens	22.7	109
0269690	4G25+(2X1,5)	Siemens	26.3	157
0269700	4G35+(2x1,5)	Siemens	32.4	207.3
0269710	4G50+(2x1,5)	Siemens	34	280
N7578830	4G1,5+(3x1)	SEW	11.8	21
N7578840	4G2,5+(3x1)	SEW	13.4	28.4
N7578850	4G4+(3x1)	SEW	14.8	36.7
N7578860	4G6+(3x1,5)	SEW	17	49
N7578870	4G10+(3x1,5)	SEW	19.8	72

