



USE OF CABLE

shielded, low capacity power cable with control cores for temperature sensors or brake for EMC-compatible connecting between drives and frequency converter for normal electrical and mechanical requirements. Suitable for dry and humid rooms.



SPECIAL FEATURES

- conform to DESINA, UL/CSA approved
- largely resistant to grease, coolant fluids and lubricants
- silicone-free
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- optimal cost-value ratio

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 cl. 5 resp. IEC 60228 cl. 5
Core insulation:	PELON®2
Core identification:	Supply cores: BK w. WH print U/L1/C/L+; V/L2; W/L3/D/L- & GNYE; control cores: 1 pair, BK & WH; triple: BK with WH numerals 1, 2, 3
Shield:	Control pair resp. triple bundle with tinned copper shield
Overall stranding:	Cores and pair resp. triple element stranded together with high flexible fillers
Shield3:	Copper braid tinned, opt. coverage appr. 80 %
Outer sheath:	PVC
Sheath colour:	Orange, RAL 2003
Rated voltage:	Uo/U 600/1.000 V; UL & CSA: 1.000 V
Testing voltage:	4 kV
Conductor resistance:	At +20 °C acc. to IEC 60228 cl. 5
Insulation resistance:	At +20 °C ≥ 20 MOhm x km
Min. bending radius fixed:	5 x d
Min. bending radius moved:	15 x d
Operat. temp. fixed min/max:	-30°C / +80°C
Operat. temp. moved min/max:	-5°C / +80°C
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1; UL: VW1; CSA: FT1
Resistant to oil:	Acc. to ISO 6722, EN 60811-404 (only mineral oil)
Approvals:	UL/CSA - cURus 1.000 V, 80 °C
Speed:	Self-supporting: max. 30 m/min
Acceleration:	Max. 2 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504496	4 G 1,5	8,4	77,00	143,00	orange	V1: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: V, U, W, GNGE
1504497	4 G 2,5	9,8	120,00	213,00	orange	V1: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: V, U, W, GNGE
1504498	4 G 4	11,9	182,00	287,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1504512	4 G 6	14,7	285,00	424,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1504513	4 G 10	17,5	449,00	631,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1505407	4 G 16	21,6	724,00	927,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1505408	4 G 25	25,4	1092,00	1329,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE

KAWEFLEX® 5268 SK-C-PVC UL/CSA SERVO 0,6/1kV

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505409	4 G 35	29,5	1497,00	1831,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1505410	4 G 50	33,4	2099,00	2488,00	orange	V2: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, GNGE
1504499	4 G 1,5 + (2 X 1,5)	11,0	126,50	210,00	orange	V3: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: V, U, W, SW-WS, GNGE
1504500	4 G 2,5 + (2 X 1,5)	12,4	171,40	298,00	orange	V3: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: V, U, W, SW-WS, GNGE
1504501	4 G 4 + (2 X 1,5)	13,9	249,50	398,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1504514	4 G 6 + (2 X 1,5)	16,1	337,20	517,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1504515	4 G 10 + (2 X 1,5)	19,3	525,30	720,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1505411	4 G 16 + (2 X 1,5)	22,5	772,00	1018,20	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1505412	4 G 25 + (2 X 1,5)	26,5	1137,00	1446,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1505413	4 G 35 + (2 X 1,5)	31,0	1546,00	1949,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1505414	4 G 50 + (2 X 1,5)	34,0	2143,00	2622,00	orange	V4: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Siemens MC 500: U, V, W, SW-WS, GNGE
1505425	4 G 1 + 2 X (2 X 0,75)	12,0	124,00	216,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505423	4 G 1,5 + 2 X (2 X 0,75)	13,0	143,00	245,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505424	4 G 2,5 + 2 X (2 X 1)	14,0	211,00	334,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505426	4 G 4 + (2 X 1) + (2 X 1,5)	16,3	294,00	438,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505427	4 G 6 + (2 X 1) + (2 X 1,5)	19,2	405,00	604,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505428	4 G 10 + (2 X 1) + (2 X 1,5)	22,0	570,00	796,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505429	4 G 16 + 2 X (2 X 1,5)	25,5	818,00	1134,00	orange	V5: KAWEFLEX 5268 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504652	4 G 1,5 + (3 X 1)	11,4	135,00	225,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1504653	4 G 2,5 + (3 X 1)	13,4	178,00	282,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1504654	4 G 4 + (3 X 1)	14,8	254,00	378,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1504655	4 G 6 + (3 X 1,5)	17,4	379,00	528,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1504656	4 G 10 + (3 X 1,5)	20,3	565,00	758,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1505415	4 G 16 + (3 X 1,5)	23,7	794,00	1059,00	orange	V6: KAWEFLEX 5268 UL/CSA: U, V, W, 1, 2, 3, GNGE (nach Standard SEW)
1505416	4 G 1 + (2 X 0,5)	9,4	82,00	140,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505417	4 G 1,5 + (2 X 0,5)	10,4	103,00	153,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505418	4 G 2,5 + (2 X 0,5)	11,4	142,00	219,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505419	4 G 4 + (2 X 1)	13,7	244,00	374,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505420	4 G 6 + (2 X 1)	15,9	325,00	462,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505421	4 G 10 + (2 X 1)	19,1	517,00	688,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505422	4 G 16 + (2 X 1)	22,3	760,00	1001,00	orange	V7: KAWEFLEX 5268 UL/CSA: nach / acc. to Standard Lenze: WWW, VV, U, SW-WS, GNGE

KAWEFLEX® 5268 SK-C-PVC UL/CSA SERVO 0,6/1kV

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1505462	4 G 1,5 + (2 X 1)	11,3	128,00	158,00	orange	V8.1: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: WWW, VV, U, SW-WS, GNGE
1505463	4 G 2,5 + (2 X 1)	12,3	171,00	209,00	orange	V8.1: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: WWW, VV, U, SW-WS, GNGE
1505433	4 G 0,75 + 2 X (2 X 0,34)	10,3	82,00	145,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505432	4 G 2,5 + 2 X (2 X 0,75)	13,8	201,00	311,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505434	4 G 4 + 2 X (2 X 1)	16,1	275,00	416,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505435	4 G 6 + 2 X (2 X 1)	19,0	359,00	577,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505436	4 G 10 + 2 X (2 X 1)	21,6	571,00	812,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505437	4 G 16 + 2 X (2 X 1)	25,0	794,00	1088,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505430	4 G 25 + 2 X (2 X 1)	27,6	1210,00	1460,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505431	4 G 35 + 2 X (2 X 1)	30,4	1624,00	1882,00	orange	V8.2: KAWEFLEX 5268 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8