



USE OF CABLE

shielded, low capacity power cable, also with 2, 3 resp. 4 control cores for temperature sensors or brake for EMC-compatible connecting between drives and frequency converter for high requirements in drag chain applications, moving drive systems, in the field of robotic technology, in manufacturing plants as well as in dry and humid rooms.



SPECIAL FEATURES

- low adhesion and low abrasion
- flame-retardant acc. to IEC 60332-1-2
- halogen- and CFC-free acc. to DIN VDE 0472-815, IEC 60754-1
- resistant to oil acc. to DIN EN 60811-404, VDE 0473-811-404 and EN 50363-10-2
- largely resistant to grease, coolant fluids and lubricants
- UV-resistant, silicone-free
- conform to DESINA, UL/CSA approved

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- very long lifetime, optimal cost-value ratio
- platz- und gewichtssparend
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 cl. 6 resp. IEC 60228 cl. 6
Core insulation:	PELON®2
Core identification:	Supply cores: BK with WH print U/L1/C/L+; V/L2; W/L3/D/L- and GNYE; control cores: 1-pair, BK and WH; 2-pair: BK with WH print 5, 6, 7, 8; triple: bk with wh numerals 1, 2, 3
Shield:	Control pairs resp. triple with tinned copper shield
Overall stranding:	All cores and elements stranded together with high flexible fillers
Shield3:	Copper braid tinned, opt. coverage appr. 85 %
Outer sheath:	PUR, halogen-free, flame retardant
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. 6
Insulation resistance:	At +20 °C ≥ 20 MOhm x km
Min. bending radius fixed:	4 x d - after installation
Min. bending radius moved:	7,5 x d (≤ 16 mm²) / 10 x d (≥ 25 mm²)
Operat. temp. fixed min/max:	-50 °C / +80 °C
Operat. temp. moved min/max:	-40 °C / +80 °C
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1-2
Torsion:	30°/m
Approvals:	UL/CSA - cURus 1.000 V, 80 °C
Speed:	Max. 300 m/min
Acceleration:	Max. 50 m/s²

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
1504266	4 G 1,5	9,2	90,00	163,00	orange	V1: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: V, U, W, GNGE
1504267	4 G 2,5	10,6	135,00	233,00	orange	V1: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: V, U, W, GNGE
1504268	4 G 4	11,9	205,00	314,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504269	4 G 6	14,7	296,00	437,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504270	4G 10	17,6	488,00	654,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504271	4 G 16	21,6	769,00	1016,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE

KAWEFLEX® 5288 SK-C-PUR 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
1504272	4 G 25	25,3	1098,00	1440,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504273	4 G 35	28,7	1525,00	1991,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504274	4 G 50	33,4	2131,00	2604,00	orange	V2: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, GNGE
1504275	4 G 1,5 + (2 X 1,5)	11,7	163,50	251,00	orange	V3: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: V, U, W, SW-WS, GNGE
1504276	4 G 2,5 + (2 X 1,5)	13,4	196,00	316,00	orange	V3: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: V, U, W, SW-WS, GNGE
1504277	4 G 4 + (2 X 1,5)	14,9	260,50	408,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504278	4 G 6 + (2 X 1,5)	16,8	365,00	535,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504279	4 G 10 + (2 X 1,5)	19,9	560,00	755,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504280	4 G 16 + (2 X 1,5)	22,7	816,00	1090,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504281	4 G 25 + (2 X 1,5)	26,3	1172,00	1570,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504282	4 G 35 + (2 X 1,5)	31,2	1595,00	2073,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1504283	4 G 50 + (2 X 1,5)	34,7	2214,00	2800,00	orange	V4: KAWEFLEX 5288 UL/CSA: nach / acc. to Standard Siemens MC 800PLUS: U, V, W, SW-WS, GNGE
1505385	4 G 0,75 + (2 X 0,5)	9,4	99,00	165,00	orange	V5.1: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, W, SW-WS, GNGE
1504293	4 G 1 + 2 X (2 X 0,75)	12,0	130,00	203,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504284	4 G 1,5 + 2 X (2 X 0,75)	13,0	151,00	228,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504285	4 G 2,5 + 2 X (2 X 1)	14,8	213,90	343,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504286	4 G 4 + (2 X 1) + (2 X 1,5)	16,3	336,00	449,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504287	4 G 6 + (2 X 1) + (2 X 1,5)	18,6	438,00	572,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504288	4 G 10 + (2 X 1) + (2 X 1,5)	22,0	602,00	881,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1505386	4 G 16 + 2 X (2 X 1,5)	25,9	838,00	1169,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504290	4 G 25 + 2 X (2 X 1,5)	28,9	1217,00	1513,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504291	4 G 35 + 2 X (2 X 1,5)	31,4	1640,00	1969,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504292	4 G 50 + 2 X (2 X 2,5)	37,0	2273,00	2875,00	orange	V5.2: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Bosch Rexroth: U, V, 5, 6, W, GNGE, 7, 8
1504711	4 G 1,5 + (3 X 1)	11,6	163,50	213,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1504712	4 G 2,5 + (3 X 1)	13,4	196,00	284,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1504713	4 G 4 + (3 X 1)	14,8	260,50	366,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1504714	4 G 6 + (3 X 1,5)	17,4	367,00	492,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1504715	4 G 10 + (3 X 1,5)	20,3	563,00	717,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1504716	4 G 16 + (3 X 1,5)	23,7	821,00	1052,00	orange	V6: KAWEFLEX 5288 UL/CSA: nach / acc. Standard SEW: U, V, W, 1, 2, 3, GNGE
1505387	4 G 1 + (2 X 0,5)	9,8	81,00	134,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505388	4 G 1,5 + (2 X 0,5)	11,6	114,00	180,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE

KAWEFLEX® 5288 SK-C-PUR 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
1505389	4 G 2,5 + (2 X 0,5)	11,8	145,00	229,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505390	4 G 4 + (2 X 1)	14,3	244,00	361,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505391	4 G 6 + (2 X 1)	16,6	325,00	451,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505392	4 G 10 + (2 X 1)	19,7	517,00	670,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505393	4 G 16 + (2 X 1)	22,5	760,00	978,00	orange	V7: KAWEFLEX 5288 UL/CSA: nach / acc. Standard Lenze: WWW, VV, U, SW-WS, GNGE
1505395	4 G 1,5 + (2 X 1)	11,5	117,00	200,00	orange	V8.1:KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: WWW, VV, U, SW-WS, GNGE
1505394	4 G 0,75 + 2 X (2 X 0,34)	9,7	79,00	132,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505396	4 G 1,5 + 2 X (2 X 0,5)	12,0	123,00	211,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505397	4 G 1,5 + 2 X (2 X 1)	13,0	149,00	249,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505398	4 G 2,5 + 2 X (2 X 0,75)	14,6	199,00	340,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505399	4 G 2,5 + 2 X (2 X 1,5)	15,6	243,00	377,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505400	4 G 4 + 2 X (2 X 1)	16,1	273,00	423,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505401	4 G 4 + 2 X (2 X 1,5)	16,7	312,00	450,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505402	4 G 6 + 2 X (2 X 1)	18,4	384,00	535,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505403	4 G 6 + 2 X (2 X 1,5)	19,4	424,00	57,80	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505404	4 G 10 + 2 X (2 X 1)	21,8	549,00	746,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505405	4 G 10 + 2 X (2 X 1,5)	22,5	589,00	810,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1505406	4 G 16 + 2 X (2 X 1)	25,3	801,00	1107,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8
1504289	4 G 16 + (2 X 1) + (2 X 1,5)	25,5	834,00	1155,00	orange	V8.2: KAWEFLEX 5288 UL/CSA: nach / acc. Diverse: U, V, 5, 6, W, GNGE, 7, 8