

# INDUSTRIAL LOW VOLTAGE CABLES

## GAALFLEX® CONTROL 1000 BH

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca



ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 BH, Eca



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl.5, acc. to IEC 60228
<b>Insulation:</b>	halogen-free compound
<b>Colour cores:</b>	acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
<b>Inner sheath:</b>	filler compound
<b>Outer sheath:</b>	grey (RAL 7001), thermoplastic, halogen-free compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50266-2-4  
IEC 60332-1-2 CEI 20-22 III  
(equivalent IEC 60332-3-24)



**Halogen free acc. to:**  
DIN VDE 0482 part 267  
EN 50267-2-1  
IEC 60754-1



**Corrosiveness of conflagration gases acc. to:**  
DIN VDE 0482 part 267  
EN 50267-2-2  
IEC 60754-2



**Smoke density acc. to:**  
IEC 61034  
EN 61034, CEI 20-38

### Technical data:

<b>Nominal voltage:</b>	0,6/1 kV
<b>Test voltage:</b>	4 kV
<b>Temperature range:</b>	- 15 °C up to + 90 °C
<b>Max short circuit temperature:</b>	+ 250 °C
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	4 x d
<i>Flexible application:</i>	6 x d
<b>tensile stress</b>	
<i>during installation:</i>	50 N/mm <sup>2</sup>
<i>static stress:</i>	15 N/mm <sup>2</sup>

### Features:

CEI 20-13 / 20-22 III (EN 50266) / 20-35 (EN 60332-1)  
20-37 (EN 50267) / UNEL TABLES 35382 - 35384

small bending radius

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classification (CEI UNEL 35016), EN 13501-6

RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. (*)
31260G53020M15	2 x 1,5	11,3	28,8	142	16
31260G53020M25	2 x 2,5	12,3	48	179	14
31260G53020M40	2 x 4	13,5	76,8	229	12
31260G53020M60	2 x 6	14,6	115,2	293	10
31260G53020M61	2 x 10	16,6	192,0	418	8
31260G53020M62	2 x 16	18,7	307,2	582	6
31260G53020M63	2 x 25	22,1	480	821	4
31260G53020M64	2 x 35	24,6	672	1089	2
31260G53020M65	2 x 50	28,3	960	1526	1
31260G53020M66	2 x 70	32,4	1344	2108	2/0
31260G53020M67	2 x 95	36,3	1824	2739	3/0
31260G53020M68	2 x 120	40,5	2304	3426	4/0
31260G53020M69	2 x 150	44,9	2880	4046	250 MCM

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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
31260G52031M15	3 G 1,5	11,8	43,2	161	16
31260G52031M25	3 G 2,5	12,9	72	208	14
31260G52031M40	3 G 4	14,2	115,2	268	12
31260G52031M60	3 G 6	15,4	172,8	348	10
31260G52031M61	3 G 10	17,8	288	514	8
31260G52031M62	3 G 16	19,8	460,8	716	6
31260G52031M63	3 G 25	23,4	720	1029	4
31260G52031M64	3 G 35	26	1008	1391	2
31260G52031M65	3 G 50	30,8	1440	1943	1
31260G52031M66	3 G 70	35,1	2016	2675	2/0
31260G52031M67	3 G 95	39,3	2736	3449	3/0
31260G52031M68	3 G 120	43,8	3456	4372	4/0
31260G52031M69	3 G 150	48,7	4320	5383	250 MCM
31260G52031M70	3 G 185	54,6	5328	6670	350 MCM
31260G52031M71	3 G 240	61,5	6912	8671	450 MCM
31260G52031M72	3 G 300	68	8640	10700	550 MCM
31260G52041M15	4 G 1,5	12,7	57,6	189	16
31260G52041M25	4 G 2,5	13,8	96	247	14
31260G52041M40	4 G 4	15,2	153,6	318	12
31260G52041M60	4 G 6	16,7	230,5	419	10
31260G52041M61	4 G 10	19,2	384	626	8
31260G52041M62	4 G 16	21,7	614,4	890	6
31260G52041M63	4 G 25	25,7	960	1280	4
31260G52041M64	4G35	28	1344	1713	2
31260G52041M65	4G50	35	1920	2472	1
31260G52041M66	4G70	42	2688	3426	2/0
31260G52041M67	4G95	43	3648	4526	3/0
31260G52041M68	4G120	50	4608	5730	4/0
31260G52041M69	4G150	54	5760	7447	250 MCM
31260G52041M70	4G185	65	7104	9350	350 MCM
31260G52041M71	4G240	72	9216	12277	450 MCM
31260G52035M64	3 x 35 + 1 G 25	28,2	1248	1613	2
31260G52035M65	3 x 50 + 1 G 25	31,7	1680	2172	1
31260G52035M66	3 x 70 + 1 G 35	36,6	2352	2992	2/0
31260G52035M67	3 x 95 + 1 G 50	41,7	3216	3924	3/0
31260G52035M68	3 x 120 + 1 G 70	46,3	4128	4873	4/0
31260G52035M69	3 x 150 + 1 G 95	52,3	5232	6370	250 MCM
31260G52035M70	3 x 185 + 1 G 95	57,1	6240	7640	350 MCM
31260G52035M71	3 x 240 + 1 G 150	65,5	8352	10093	450 MCM
31260G52035M72	3 x 300 + 1 G 150	70,8	10080	12075	550 MCM
31260G52051M15	5 G 1,5	13,6	72	219	16
31260G52051M25	5 G 2,5	14,9	120	294	14
31260G52051M40	5 G 4	16,6	196	385	12
31260G52051M60	5 G 6	18,2	288	510	10
31260G52051M61	5 G 10	20,9	480	765	8
31260G52051M62	5 G 16	23,8	768	1113	6
31260G52051M63	5 G 25	28,3	1200	1642	4
31260G52051M64	5 G 35	32,5	1680	2162	2
31260G52051M65	5 G 50	38,1	2400	3018	1
31260G52051M66	5G70	46,5	3360	4348	2/0
31260G52051M67	5G95	51	4560	5631	3/0
31260G50071M15	7 G 1,5	14,8	100,8	270	16
31260G50071M25	7 G 2,5	16,2	168	321	14
31260G50071M25	10 G 1,5	17,7	144	358	16
31260G50071M25	10 G 2,5	19,5	240	418	14
31260G50121M15	12 G 1,5	18,6	172,8	404	16
31260G50121M25	12 G 2,5	20,1	288	476	14
31260G50121M25	16 G 1,5	20,2	230,4	518	16
31260G50121M25	16 G 2,5	22,7	384	609	14
31260G50191M25	19 G 1,5	21	273,6	586	16
31260G50191M25	19 G 2,5	23,5	456	687	14
31260G50241M25	24 G 1,5	24,2	324	706	16
31260G50241M25	24 G 2,5	27,1	576	843	14
31260G50271M25	27 G 1,5	24	388,8	810	16
31260G50271M25	27 G 2,5	26,8	648	1119	14
31260G50301M25	30 G 1,5	24,8	432	874	16
31260G50301M25	30 G 2,5	27,6	720	1212	14

Other dimension and colours available on request.