

# CONTROL AND CONNECTION CABLES

## GAALFLEX® CONTROL 1000 BH SC

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



ELETTROTEK KABEL® SPECIAL GAALFLEX® CONTROL 1000 BH SC, Eca



### Construction:

- Conductor:** flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
- Insulation:** halogen-free compound
- Colour cores:** L: (black), or N: (blue), or PE: (green/yellow)
- Outer sheath:** 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



**Low smoke density acc. to:**  
DIN VDE 0482 part. 268-1-2  
IEC 61034-1-2

### Technical data:

- Nominal voltage:** U<sub>0</sub>/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range**  
*Fixed laying:* -15°C up to +90°C  
*Flexible installation:* 0°C up to +90°C
- Min. bending radius** 6 x d

### 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. L :black	Part no. N :blue	Part no. PE : g/y	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. *)
31250G5L010M15	31250G5N010M15	31250G5P011M15	1 x 1,5	6,4	14,4	50	16
31250G5L010M25	31250G5N010M25	31250G5P011M25	1 x 2,5	6,9	24	63	14
31250G5L010M40	31250G5N010M40	31250G5P011M40	1 x 4	7,5	38,4	80	12
31250G5L010M60	31250G5N010M60	31250G5P011M60	1 x 6	8,1	57,6	103	10
31250G5L010M61	31250G5N010M61	31250G5P011M61	1 x 10	9,2	96	149	8
31250G5L010M62	31250G5N010M62	31250G5P011M62	1 x 16	10,1	153,6	204	6
31250G5L010M63	31250G5N010M63	31250G5P011M63	1 x 25	12	240	297	4
31250G5L010M64	31250G5N010M64	31250G5P011M64	1 x 35	13,2	336	390	2
31250G5L010M65	31250G5N010M65	31250G5P011M65	1 x 50	15,1	480	544	1
31250G5L010M66	31250G5N010M66	31250G5P011M66	1 x 70	17	672	740	2/0
31250G5L010M67	31250G5N010M67	31250G5P011M67	1 x 95	18,9	912	948	3/0
31250G5L010M68	31250G5N010M68	31250G5P011M68	1 x 120	21	1152	1200	4/0
31250G5L010M69	31250G5N010M69	31250G5P011M69	1 x 150	23,1	1440	1485	250 MCM
31250G5L010M70	31250G5N010M70	31250G5P011M70	1 x 185	25,3	1776	1820	350 MCM
31250G5L010M71	31250G5N010M71	31250G5P011M71	1 x 240	28,4	2304	2336	450 MCM
31250G5L010M72	31250G5N010M72	31250G5P011M72	1 x 300	31,1	2880	2926	550 MCM
31250G5L010M73	31250G5N010M73	31250G5P011M73	1 x 400	36,2	3840	3956	750 MCM
31250G5L010M74	31250G5N010M74	31250G5P011M74	1 x 500	39,1	4800	5407	950 MCM
31250G5L010M75	31250G5N010M75	31250G5P011M75	1 x 630	43,2	6048	6758	1200 MCM

Other dimension and colours available on request.