

# CONTROL AND CONNECTION CABLES

## GAALFLEX® CONTROL 1000 H SC

Rigid or flexible halogen free Polyolefine Single-Core Ground Cable, 0.6/1 kV



ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 H SC

### Construction:

- Conductor:** stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
- Insulation:** halogen-free type HM4, acc. to IEC 60092-353
- Colour cores:** green-yellow

### Resistance:



**Flame test acc.to**  
DIN VDE 0482 part 332-3  
IEC 60332-3-A



**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:** Uo/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range**  
*Fixed laying:* -35°C up to +85°C  
*Flexible installation:* -5°C up to +85°C
- Min. bending radius**  
*Fixed laying:* 8 x d  
*flexible installation:* 16 x d

### Features:

- on request class 5
- ozone resistance
- silicon free
- adapted to VDE 0295
- RoHS and CE approval



### CLASS 2

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. *)
31230G15011M15	1,5	3	14,4	22	16
31230G15011M25	2,5	3,5	24	30	14
31230G15011M40	4	4	38	45	12
31230G15011M60	6	4,5	58	70	10
31230G15011M62	16	6	154	170	6
31230G15011M63	25	8	240	265	4
31230G15011M64	35	9	336	365	2
31230G15011M65	50	10	480	510	1
31230G15011M66	70	12	672	725	2/0
31230G15011M67	95	14,3	912	970	3/0
31230G15011M68	120	16	1152	1230	4/0

### CLASS 5

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. *)
31231G15011M60	6	4,5	68	70	10
31231G15011M61	10	5,5	109	110	8
31231G15011M62	16	6,5	170	170	6
31231G15011M63	25	8,5	266	265	4
31231G15011M66	70	12,5	672	730	2/0
31231G15011M68	120	16	1152	1230	4/0

Other dimension and colours available on request.