

CONTROL AND CONNECTION CABLES

GAALFLEX® CONTROL 600 SC CY

PVC control cable single conductor with overall screen, IEC/DIN VDE 0,6/1 kV, UL/CSA 600 V



ELETTROTEK KABEL® GAALFLEX® CONTROL 600 SC CY



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Construction:

- Conductor:** flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295
- Insulation:** PVC type Tl2 class 43 acc. to UL 1581
- Colour core:** black or green-yellow
- Screen:** tinned copper braid
- Outer sheath:** black (RAL 9005), PVC type TM2, acc.to DIN VDE 0281 part 1 + HD 21, and class 43 acc. to UL 1581

Resistance:



Self-extinguishing and flame retardant acc. to:
 DIN VDE 0482 part 265-2-1
 EN 50265-2-1
 IEC 60332-1-2,
 UL VW-1, CSA FT1 FT2

Technical data:

- Nominal voltage:** **IEC/DIN VDE**
 UoU 0,6/1 kV
UL/CSA
 600V
- Test voltage:** 4 kV
- Temperature range** **DIN VDE** **UL/CSA**
Fixed laying: -40°C up to +70°C up to +90°C
Flexible installation: +5°C up to +70°C up to +90°C
- Min. bending radius**
Fixed laying: 4 x d
Flexible installation: 7,5 x d
- Radiation resistance** 8 x 106 cJ/kg

Features:

- small bending radius
- chemical resistant
- UV resistance
- UL recognized AWM Style 10107 90°C Oil 60°C 600 V, CSA AWM I/II A/B 90°C 600 V FT1 FT2 CE
- RoHS and CE approval



GREEN/YELLOW

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
31170F7P011A10	1 G 6	8,4	72	150	10
31170F7P011A08	1 G 10	9,8	130	240	8
31170F7P011A06	1 G 16	10,8	190	310	6
31170F7P011A04	1 G 25	12,4	260	430	4
31170F7P011A02	1 G 35	14,8	405	630	2
31170F7P011A01	1 G 50	16,8	560	840	1
31170F7P011A2C	1 G 70	18,8	780	1100	2/0
31170F7P011A3C	1 G 95	20,5	1030	1410	3/0
31170F7P011A4C	1 G 120	23,5	1285	1780	4/0
31170F7P011A5C	1 G 150	26,5	1430	1940	250 MCM
31170F7P011A7C	1 G 185	29,8	1940	2650	350 MCM
31170F7P011A9C	1 G 240	32,5	2530	3400	450 MCM

BLACK

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
31170F7L010A10	1 x 6	8,4	72	150	10
31170F7L010A08	1 x 10	9,8	130	240	8
31170F7L010A06	1 x 16	10,8	190	310	6
31170F7L010A04	1 x 25	12,4	260	430	4
31170F7L010A02	1 x 35	14,8	405	630	2
31170F7L010A01	1 x 50	16,8	560	840	1
31170F7L010A2C	1 x 70	18,8	780	1100	2/0
31170F7L010A3C	1 x 95	20,5	1030	1410	3/0
31170F7L010A4C	1 x 120	23,5	1285	1780	4/0
31170F7L010A5C	1 x 150	26,5	1430	1940	250 MCM
31170F7L010A7C	1 x 185	29,8	1940	2650	350 MCM
31170F7L010A9C	1 x 240	32,5	2530	3400	450 MCM

Other dimension and colours available on request.