

CONTROL AND CONNECTION CABLES

GAALFLEX® CONTROL 1000 SC CY

PVC control cable single conductor with overall screen, 0,6/1 kV

ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 SC CY



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Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type TI2
Colour cores:	black or green/yellow)
Screen:	tinned copper braid
Outer sheath:	black (RAL 9005), PVC type TM2, acc. to to DIN VDE 0281 part 1

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2



Oil resistance:
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1

Technical data:

Nominal voltage:	Uo/U 0,6/1 kV
Test voltage:	4 kV
Temperature range	
<i>Fixed laying:</i>	- 40°C up to + 80°C
<i>Flexible installation:</i>	- 5°C up to + 80°C
Min. bending radius	10 x d
Radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 mrad)

Features:

chemical resistance
UV resistance
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. *)
31480G7P011M60	1 G 6	8,4	72	150	10
31480G7P011M61	1 G 10	9,8	130	240	8
31480G7P011M62	1 G 16	10,8	190	310	6
31480G7P011M63	1 G 25	12,4	260	430	4
31480G7P011M64	1 G 35	14,8	405	630	2
31480G7P011M65	1 G 50	16,8	560	840	1
31480G7P011M66	1 G 70	18,8	780	1100	2/0
31480G7P011M67	1 G 95	20,5	1030	1410	3/0
31480G7P011M68	1 G 120	23,5	1285	1780	4/0
31480G7P011M69	1 G 150	26,5	1430	1940	250 MCM
31480G7P011M70	1 G 185	29,8	1940	2650	350 MCM
31480G7P011M71	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. *)
31480G7L010M60	1 x 6	8,4	72	150	10
31480G7L010M61	1 x 10	9,8	130	240	8
31480G7L010M62	1 x 16	10,8	190	310	6
31480G7L010M63	1 x 25	12,4	260	430	4
31480G7L010M64	1 x 35	14,8	405	630	2
31480G7L010M65	1 x 50	16,8	560	840	1
31480G7L010M66	1 x 70	18,8	780	1100	2/0
31480G7L010M67	1 x 95	20,5	1030	1410	3/0
31480G7L010M68	1 x 120	23,5	1285	1780	4/0
31480G7L010M69	1 x 150	26,5	1430	1940	250 MCM
31480G7L010M70	1 x 185	29,8	1940	2650	350 MCM
31480G7L010M71	1 x 240	32,5	2530	3400	450 MCM

Other dimension and colours available on request.