

GAALFLEX® CONTROL 600 SC

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



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Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL.5, ACC.TO IEC 60228, DIN VDE 0295
INSULATION:	PVC TYPE T12 CLASS 43 ACC. TO UL1581
COLOUR CORE:	BLACK OR GREEN-YELLOW
OUTER SHEATH:	BLACK (RAL 9005), PVC TYPE TM2, ACC.TO DIN VDE 0281 PART 1 + HD 21, AND CLASS 43 ACC. TO UL1581

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.*)
31140F7P011A10	1 G 6	8,1	58	125	10
31140F7P011A08	1 G 10	9,4	96	190	8
31140F7P011A06	1 G 16	10,5	154	260	6
31140F7P011A04	1 G 25	11,8	240	380	4
31140F7P011A02	1 G 35	13,4	336	500	2
31140F7P011A01	1 G 50	16	480	680	1
31140F7P011A2C	1 G 70	18,4	672	920	2/0
31140F7P011A3C	1 G 95	20	912	1210	3/0
31140F7P011A4C	1 G 120	22,7	1152	1560	4/0
31140F7P011A5C	1 G 150	25,5	1440	1760	250 MCM
31140F7P011A7C	1 G 185	29	1776	2330	350 MCM
31140F7P011A9C	1 G 240	31,7	2304	2970	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.*)
31140F7L010A10	1 X 6	8,1	58	125	10
31140F7L010A08	1 X 10	9,4	96	190	8
31140F7L010A06	1 X 16	10,5	154	260	6
31140F7L010A04	1 X 25	11,8	240	380	4
31140F7L010A02	1 X 35	13,4	336	500	2
31140F7L010A01	1 X 50	16	480	680	1
31140F7L010A2C	1 X 70	18,4	672	920	2/0
31140F7L010A3C	1 X 95	20	912	1210	3/0
31140F7L010A4C	1 X 120	22,7	1152	1560	4/0
31140F7L010A5C	1 X 150	25,5	1440	1760	250 MCM
31140F7L010A7C	1 X 185	29	1776	2330	350 MCM
31140F7L010A9C	1 X 240	31,7	2304	2970	450 MCM

Other dimension and colours available on request.