

GAALFLEX® CONTROL 1000 P

PUR control cable, 0,6/1 kV



ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 P



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL.5, ACC. TO IEC 60228
INSULATION:	GAALTHERM® 585
COLOUR CORES:	ACC. TO DIN VDE 0293-308, HD 308 S2 FROM 6 CORES BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334; GREEN-YELLOW EARTH-WIRE FROM 3 CORES
OUTER SHEATH:	ORANGE (RAL 2004), GAALTHERM® 630 (OTHER COLOR ON REQUEST)

Resistance:



FLAME RETARDANT AND SELF-EXTINGUISHING ACC. TO:
DIN VDE 0472 PART 804
IEC 60332-1



HALOGEN-FREE ACC. TO:
IEC 60754-1



CORROSIVENES OF CONFLAGRATION GASES ACC. TO:
IEC 60754-2



OIL RESISTANCE ACC. TO:
IEC EN 60811-2-1



UV RESISTANCE ACC. TO:
HD 605 A1



OZONE RESISTANT ACC. TO:
DIN VDE 0472 PART 805

Technical data:

NOMINAL VOLTAGE:	0,6 / 1 kV
TEST VOLTAGE:	3 kV
TEMPERATURE RANGE:	
FIXED INSTALLATION:	- 40°C UP TO + 90°C
FLEXIBLE APPLICATION:	- 25°C UP TO + 80°C
MIN. BENDING RADIUS:	
FIXED LAYING :	4 x D
FLEXIBLE INSTALLATION:	12,5 x D

Features:

SUITABLE FOR UNDER-WATER ENVIRONMENT, FRESH AND SALT WATER (MAX. DEPTH 1000 MT.)

ABRASION AND NOTCH RESISTANT

MATT AND LOW ADHESIVE SURFACE

HYDROLYSIS AND MICROBE RESISTANT

ROHS AND CE APPROVAL



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. *)
31280GGL010M65	1 x 50	15,7	480	679	1
31280GGL010M66	1 x 70	17,5	672	905	2/0
31280GGL010M67	1 x 95	19,9	912	1205	3/0
31280GGL010M68	1 x 120	22,2	1152	1506	4/0
31280GGL010M69	1 x 150	24	1440	1843	250
31280GGL010M70	1 x 185	26,8	1776	2276	350
31280GGL010M71	1 x 240	29,8	2304	2899	450
31280GG3020M05	2 x 0,5	6,5	10	54	20
31280GG2031M05	3 g 0,5	6,8	14	66	20
31280GG2041M05	4 g 0,5	7,3	19	80	20
31280GG2051M05	5 g 0,5	7,9	24	96	20
31280GG0071M05	7 g 0,5	8,5	34	121	20
31280GG0121M05	12 g 0,5	10,8	58	218	20
31280GG0181M05	18 g 0,5	12,5	86	301	20
31280GG0251M05	25 g 0,5	14,8	120	465	20

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31280GG3020M07	2 x 0,75	6,9	14	63	19
31280GG2031M07	3 g 0,75	7,3	22	78	19
31280GG2041M07	4 g 0,75	7,8	29	96	19
31280GG2051M07	5 g 0,75	8,4	36	117	19
31280GG0071M07	7 g 0,75	9,1	50	147	19
31280GG0121M07	12 g 0,75	11,7	86	264	19
31280GG0181M07	18 g 0,75	13,5	130	368	19
31280GG0251M07	25 g 0,75	16,1	180	563	19
31280GG3020M10	2 x 1	7,3	19	72	18
31280GG2031M10	3 g 1	7,7	29	90	18
31280GG2041M10	4 g 1	8,3	38	112	18
31280GG2051M10	5 g 1	9	48	136	18
31280GG0071M10	7 g 1	9,7	67	172	18
31280GG0121M10	12 g 1	12,5	115	310	18
31280GG0161M10	16 g 1	13,8	154	389	18
31280GG0181M10	18 g 1	14,5	173	434	18
31280GG0251M10	25 g 1	17,3	240	660	18
31280GG3020M15	2 x 1,5	8,4	29	95	16
31280GG2031M15	3 g 1,5	8,9	43	122	16
31280GG2041M15	4 g 1,5	9,6	58	152	16
31280GG2051M15	5 g 1,5	10,5	72	187	16
31280GG0071M15	7 g 1,5	11,4	101	239	16
31280GG0081M15	8 g 1,5	13,1	115	301	16
31280GG0101M15	10 g 1,5	13,7	144	364	16
31280GG0121M15	12 g 1,5	14,8	173	428	16
31280GG0141M15	14 g 1,5	15,5	202	481	16
31280GG0161M15	16 g 1,5	16,4	230	544	16
31280GG0181M15	18 g 1,5	17,3	259	608	16
31280GG0201M15	20 g 1,5	18,3	288	685	16
31280GG0251M15	25 g 1,5	20,7	360	916	16
31280GG0301M15	30 g 1,5	21,4	432	1019	16
31280GG3020M25	2 x 2,5	9,2	48	123	14
31280GG2031M25	3 g 2,5	9,7	72	161	14
31280GG2041M25	4 g 2,5	10,7	96	206	14
31280GG2051M25	5 g 2,5	11,6	120	254	14
31280GG0071M25	7 g 2,5	12,7	168	329	14
31280GG0121M25	12 g 2,5	16,5	288	585	14
31280GG3020M40	2 x 4	10,3	77	164	12
31280GG2031M40	3 g 4	11,3	115	230	12
31280GG2041M40	4 g 4	12,3	154	292	12
31280GG2051M40	5 g 4	13,4	192	359	12
31280GG0071M40	7 g 4	14,1	269	452	12
31280GG3020M60	2 x 6	11,3	115	212	10
31280GG2031M60	3 g 6	12,5	173	303	10
31280GG2041M60	4 g 6	13,6	230	389	10
31280GG2051M60	5 g 6	14,9	288	480	10
31280GG0071M60	7 g 6	15,7	403	614	10
31280GG2041M61	4 g 10	17,0	384	615	8
31280GG2051M61	5 g 10	18,6	480	758	8
31280GG0071M61	7 g 10	20,2	672	996	8
31280GG2031M62	3 g 16	16,8	461	649	6
31280GG2041M62	4 g 16	19,4	614	887	6
31280GG2051M62	5 g 16	21,3	768	1098	6
31280GG2031M63	3 g 25	21,5	720	1021	4
31280GG2041M63	4 g 25	23,3	960	1318	4
31280GG2051M63	5 g 25	25,9	1200	1647	4
31280GG2041M64	4 g 35	28,2	1344	1882	2
31280GG2051M64	5 g 35	30,8	1680	2322	2
31280GG2041M65	4 g 50	32,9	1920	2614	1
31280GG2051M65	5 g 50	36,0	2400	3229	1
31280GG2041M66	4 g 70	37,6	2688	3545	2/0
31280GG2051M66	5 g 70	40,9	3360	4353	2/0
31280GG2041M67	4 g 95	41,5	3648	4607	3/0
31280GG2051M67	5 g 95	45,6	4560	5708	3/0

Other dimensions and colours available on request.