

GAALFLEX® SAFE

PVC control cable blue outer sheath, 300/500 V

ELETTROTEK KABEL® GAALFLEX® SAFE



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL.5, ACC.TO IEC 60228, DIN VDE 0295
INSULATION:	PVC TYPE T11, ACC. TO DIN VDE 0207
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334
STRANDING:	IN LAYERS
OUTER SHEATH:	BLUE (RAL 5015), PVC TYPE TM2, ACC. TO DIN VDE 0207

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 332-1-2
EN 60332-1-2
IEC 60332-1-2

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 300/500 V
TEST VOLTAGE:	3 kV
TEMPERATURE RANGE	
FIXED LAYING:	-40°C UP TO +80°C
FLEXIBLE INSTALLATION:	+5°C UP TO +70°C
MIN. BENDING RADIUS	
FIXED LAYING:	4 x D
FLEXIBLE INSTALLATION:	15 x D
RADIATION RESISTANCE:	8 x 10 ⁷ cJ/kg

Features:

FOR HAZARDOUS AREAS TO HAZARD TYPE -I-
FOR INTRINSICALLY SAFE CIRCUITS,
ACC. TO DIN EN 60079-14 AND IEC 60079-14
SECTION 12.2.2., VDE 0165 PART 1

ROHS AND CE APPROVAL



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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. *)
34010DB1020M05	2 x 0,5	5	10	37	20
34010DB1030M05	3 x 0,5	5,3	14	44	20
34010DB1040M05	4 x 0,5	5,7	19	53	20
34010DB1050M05	5 x 0,5	6,3	24	64	20
34010DB1070M05	7 x 0,5	7,7	34	92	20
34010DB1120M05	12 x 0,5	10,6	58	158	20
34010DB1180M05	18 x 0,5	10,9	86	204	20
34010DB1250M05	25 x 0,5	12,9	120	279	20
34010DB1020M07	2 x 0,75	5,4	14	45	19
34010DB1030M07	3 x 0,75	5,7	22	55	19
34010DB1040M07	4 x 0,75	6,2	29	67	19
34010DB1050M07	5 x 0,75	6,8	36	81	19
34010DB1070M07	7 x 0,75	8,3	50	115	19
34010DB1120M07	12 x 0,75	11,8	86	208	19
34010DB1180M07	18 x 0,75	12,1	130	269	19
34010DB1250M07	25 x 0,75	14,3	180	368	19
34010DB1020M10	2 x 1	5,7	19	52	18
34010DB1030M10	3 x 1	6,1	29	64	18
34010DB1040M10	4 x 1	6,6	38	78	18
34010DB1050M10	5 x 1	7,2	48	94	18
34010DB1070M10	7 x 1	9	67	137	18
34010DB1120M10	12 x 1	12,5	115	240	18
34010DB1180M10	18 x 1	12,8	173	312	18
34010DB1250M10	25 x 1	15,4	240	436	18
34010DB1020M15	2 x 1,5	6,3	29	68	16
34010DB1030M15	3 x 1,5	6,7	43	84	16
34010DB1040M15	4 x 1,5	7,5	58	107	16
34010DB1050M15	5 x 1,5	8,2	72	129	16
34010DB1070M15	7 x 1,5	10	101	183	16
34010DB1120M15	12 x 1,5	14,1	173	325	16
34010DB1180M15	18 x 1,5	14,7	259	438	16
34010DB1250M15	25 x 1,5	17,6	360	608	16
34010DB1020M25	2 x 2,5	7,7	48	105	14
34010DB1030M25	3 x 2,5	8,2	72	132	14
34010DB1040M25	4 x 2,5	9,1	96	166	14
34010DB1050M25	5 x 2,5	10	120	202	14
34010DB1070M25	7 x 2,5	12,5	168	295	14
34010DB1030M40	3 x 4	9,7	115	195	12
34010DB1040M40	4 x 4	10,9	154	250	12
34010DB1050M40	5 x 4	12,1	192	306	12
34010DB1030M60	3 x 6	11,5	173	281	10
34010DB1040M60	4 x 6	12,8	230	358	10
34010DB1050M60	5 x 6	14,3	288	442	10
34010DB1040M61	4 x 10	16,3	384	586	8
34010DB1050M61	5 x 10	18,2	480	726	8
34010DB1040M62	4 x 16	18,8	614	858	6
34010DB1050M62	5 x 16	21,2	768	1071	6
34010DB1040M63	4 x 25	23,7	960	1349	4
34010DB1050M63	5 x 25	36,6	1200	1678	4
34010DB1040M64	4 x 35	26,9	1344	1813	2
34010DB1050M64	5 x 35	30,2	1680	2255	2

Other dimensions and colors available on request.