

## GAALFLEX® SAFE CY Lean

PVC control cable blue outer sheath and overall copper screen, 300/500 V

ELETTROTEK KABEL® GAALFLEX® SAFE CY Lean



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type T11 acc. to DIN VDE 0207
<b>Colour cores:</b>	black cores with consecutive numbers acc. to EN 50334
<b>Stranding:</b>	in layers + fillers
<b>Screen:</b>	tinned copper braid
<b>Wrapping:</b>	non woven tape
<b>Outer sheath:</b>	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:

<b>Nominal voltage:</b>	UoU 300/500 V
<b>Test voltage:</b>	3 kV
<b>Temperature range</b>	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible installation:</i>	+5°C up to +70°C
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	4 x d
<i>Flexible installation:</i>	15 x d
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> 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

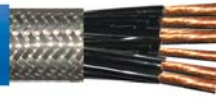
RoHS and CE approval



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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
34020DB1020M05	2 x 0,5	7	31	78	20
34020DB1030M05	3 x 0,5	7,5	36	90	20
34020DB1040M05	4 x 0,5	8,3	47	112	20
34020DB1050M05	5 x 0,5	8,6	52	120	20
34020DB1070M05	7 x 0,5	9,7	66	151	20
34020DB1120M05	12 x 0,5	13,5	115	273	20
34020DB1180M05	18 x 0,5	13,8	152	326	20
34020DB1250M05	25 x 0,5	15,5	193	407	20
34020DB1020M07	2 x 0,75	7,6	39	94	19
34020DB1030M07	3 x 0,75	7,9	46	104	19
34020DB1040M07	4 x 0,75	9	56	133	19
34020DB1050M07	5 x 0,75	9,4	68	149	19
34020DB1070M07	7 x 0,75	10,6	87	187	19
34020DB1120M07	12 x 0,75	14,7	152	335	19
34020DB1180M07	18 x 0,75	15	195	396	19
34020DB1250M07	25 x 0,75	16,9	262	507	19
34020DB1020M10	2 x 1	7,9	44	103	18
34020DB1030M10	3 x 1	8,3	56	119	18
34020DB1040M10	4 x 1	9,4	70	152	18
34020DB1050M10	5 x 1	9,8	80	166	18
34020DB1070M10	7 x 1	11,1	104	211	18
34020DB1120M10	12 x 1	15,4	189	384	18
34020DB1180M10	18 x 1	15,8	246	461	18
34020DB1250M10	25 x 1	18	322	592	18
34020DB1020M15	2 x 1,5	8,5	56	124	16
34020DB1030M15	3 x 1,5	9,1	71	146	16
34020DB1040M15	4 x 1,5	10,4	90	189	16
34020DB1050M15	5 x 1,5	10,8	109	212	16
34020DB1070M15	7 x 1,5	12,4	142	274	16
34020DB1120M15	12 x 1,5	17	254	485	16
34020DB1180M15	18 x 1,5	17,7	341	606	16
34020DB1250M15	25 x 1,5	20,1	458	785	16
34020DB1020M25	2 x 2,5	9,9	80	171	14
34020DB1030M25	3 x 2,5	10,6	109	209	14
34020DB1040M25	4 x 2,5	12,3	137	274	14
34020DB1050M25	5 x 2,5	13,3	177	328	14
34020DB1070M25	7 x 2,5	15	233	417	14
34020DB1030M40	3 x 4	12,3	156	289	12
34020DB1040M40	4 x 4	14,4	219	396	12
34020DB1050M40	5 x 4	15,3	265	458	12
34020DB1030M60	3 x 6	14,3	238	408	10
34020DB1040M60	4 x 6	16,7	304	540	10
34020DB1050M60	5 x 6	17,8	369	628	10
34020DB1040M61	4 x 10	20,6	482	839	8
34020DB1050M61	5 x 10	21,7	578	954	8
34020DB1040M62	4 x 16	23,6	723	1170	6
34020DB1050M62	5 x 16	25,3	887	1377	6
34020DB1040M63	4 x 25	28,7	1101	1756	4
34020DB1050M63	5 x 25	31	1352	2083	4
34020DB1040M64	4 x 35	32,8	1535	2356	2
34020DB1050M64	5 x 35	35,1	1890	2776	2

Other dimensions and colors available on request.