

## 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 Tl2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Colour cores:</b>	black cores with consecutive numbers acc. to EN 50334
<b>Stranding:</b>	in layers
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	blue (RAL 5015), PVC type TM2, acc. to DIN VDE 0281 part 1 + HD 21.1

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 332-1-2  
EN 60332-1-2  
IEC 60332-1-2



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	UoU 300/500 V
<b>Test voltage:</b>	3 kV acc.to DIN VDE 0281 part 2 + HD 21.2
<b>Temperature range</b>	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible installation:</i>	+5°C up to +80°C
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	5 x d
<i>Flexible installation:</i>	10 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

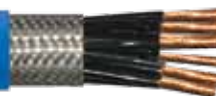
RoHS and CE approval



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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. *)
34020DB1020M07	2 x 0,75	6,1	40	59	19
34020DB1030M07	3 x 0,75	6,4	52	66	19
34020DB1040M07	4 x 0,75	6,9	60	77	19
34020DB1050M07	5 x 0,75	7,4	71	93	19
34020DB1070M07	7 x 0,75	8,6	91	130	19
34020DB1080M07	8 x 0,75	9,4	110	145	19
34020DB1100M07	10 x 0,75	10,2	137	180	19
34020DB1120M07	12 x 0,75	10,4	142	202	19
34020DB1180M07	18 x 0,75	12,4	212	292	19
34020DB1200M07	20 x 0,75	12,9	238	362	19
34020DB1250M07	25 x 0,75	15,1	281	415	19
34020DB1300M07	30 x 0,75	15,6	320	486	19
34020DB1340M07	34 x 0,75	16,9	345	523	19
34020DB1410M07	41 x 0,75	18,3	400	680	19
34020DB1020M10	2 x 1	6,4	50	65	18
34020DB1030M10	3 x 1	6,7	60	81	18
34020DB1040M10	4 x 1	7,3	71	98	18
34020DB1050M10	5 x 1	7,8	88	127	18
34020DB1070M10	7 x 1	9,1	111	158	18
34020DB1120M10	12 x 1	11,2	184	260	18
34020DB1180M10	18 x 1	13,2	260	380	18
34020DB1250M10	25 x 1	16,2	349	534	18
34020DB1340M10	34 x 1	18	468	741	18
34020DB1020M15	2 x 1,5	6,8	63	88	16
34020DB1030M15	3 x 1,5	7,3	80	100	16
34020DB1040M15	4 x 1,5	8,1	97	126	16
34020DB1050M15	5 x 1,5	8,9	119	160	16
34020DB1070M15	7 x 1,5	10,5	147	208	16
34020DB1120M15	12 x 1,5	12,8	267	338	16
34020DB1180M15	18 x 1,5	15,2	374	479	16
34020DB1250M15	25 x 1,5	18,5	526	705	16
34020DB1300M15	30 x 1,5	19	555	830	16
34020DB1340M15	34 x 1,5	20,8	629	900	16

Other dimensions and colors available on request.