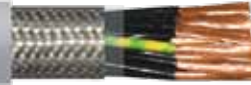


## GAALFLEX® CONTROL 500 CP Lean

PUR control cable with overall copper screen, 300/500 V

ELETTROTEK KABEL® GAALFLEX® CONTROL 500 CP Lean



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type Tl1
<b>Colour cores:</b>	black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	PETP foil
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	grey (RAL 7001) PUR special compound

### Resistance:



**Oil resistance:**  
DIN VDE 0282 part 10 + HD 22.10  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1  
very good-TMPU

### Technical data:

<b>Nominal voltage:</b>	Uo/U 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 application:</i>	-5°C up to + 70°C
<b>Min. bending radius</b>	
<i>Fixed laying:</i>	6 x d
<i>Flexible application:</i>	20 x d

### Features:

abrasion resistant  
notch resistant  
good EMC characteristics  
chemical resistant  
RoHS and CE approval

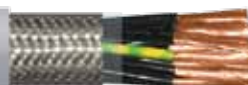


# CONTROL AND CONNECTION CABLES

## GAALFLEX® CONTROL 500 CP Lean

PUR control cable with overall copper screen, 300/500 V

ELETTROTEK KABEL® GAALFLEX® CONTROL 500 CP Lean



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. *)
31100D51020M05	2 x 0,5	5,3	23,6	35	20
31100D50031M05	3 G 0,5	5,6	30,3	43	20
31100D50041M05	4 G 0,5	6	36,7	53	20
31100D50051M05	5 G 0,5	6,5	43,5	64	20
31100D50071M05	7 G 0,5	7	53,3	77	20
31100D50121M05	12 G 0,5	9	86,5	122	20
31100D50181M05	18 G 0,5	11,1	140,2	196	20
31100D50251M05	25 G 0,5	13	179,8	250	20
31100D51020M07	2 x 0,75	5,9	30,4	44	19
31100D50031M07	3 G 0,75	6,2	39,2	55	19
31100D50041M07	4 G 0,75	6,7	48,3	67	19
31100D50051M07	5 G 0,75	7,3	57,6	83	19
31100D50071M07	7 G 0,75	7,9	74,1	102	19
31100D50121M07	12 G 0,75	10,8	134,1	181	19
31100D50181M07	18 G 0,75	12,5	189,1	257	19
31100D50251M07	25 G 0,75	15,4	277,5	366	19
31100D51020M10	2 x 1	6,1	36,8	50	18
31100D50031M10	3 G 1	6,4	46,5	62	18
31100D50041M10	4 G 1	6,9	58	77	18
31100D50051M10	5 G 1	7,6	71,6	96	18
31100D50071M10	7 G 1	8,2	93,3	120	18
31100D50121M10	12 G 1	11,2	169,1	213	18
31100D50181M10	18 G 1	13,2	232,2	298	18
31100D50251M10	25 G 1	16,2	378,1	424	18
31100D51020M15	2 x 1,5	6,7	48,3	62	16
31100D50031M15	3 G 1,5	7,1	64,7	80	16
31100D50041M15	4 G 1,5	7,7	81,2	100	16
31100D50051M15	5 G 1,5	8,4	98,1	121	16
31100D50071M15	7 G 1,5	9,1	129,8	157	16
31100D50121M15	12 G 1,5	12,5	232,3	276	16
31100D50181M15	18 G 1,5	15,1	356,4	427	16
31100D50251M15	25 G 1,5	18,3	471,5	575	16
31100D51020M25	2 x 2,5	7,9	71,7	91	14
31100D50031M25	3 G 2,5	8,4	98,1	118	14
31100D50041M25	4 G 2,5	9,1	125	148	14
31100D50051M25	5 G 2,5	10,5	167,5	202	14
31100D50071M25	7 G 2,5	11,5	222,1	259	14
31100D50121M25	12 G 2,5	15,6	385,7	446	14
31100D50181M25	18 G 2,5	18,5	554,9	657	14
31100D50251M25	25 G 2,5	22,4	740,3	877	14
31100D50031M40	3 G 4	10	144,4	177	12
31100D50041M40	4 G 4	11,1	207,4	235	12
31100D50051M40	5 G 4	12,2	251,3	292	12
31100D50041M60	4 G 6	12,8	290,1	331	10
31100D50051M60	5 G 6	14,5	354,5	417	10
31100D50041M61	4 G 10	16,8	494	577	8

Other dimension and colours available on request.