

FLEXIBLE CONTROL CABLES

also available with blue and red conductors and black or orange jacket

CC 600 P Oil resistant, tear resistant, flexible PUR control cable with black conductors



Marking for CC 600 P 02611805: SAB BRÖCKSKES · D-VIERSEN · 02610510 5 x 1,0 mm² CC 600 P 18 AWG/5c 02611805 AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

CC 600 P is a multi-conductor, 600 V, 80°C oil resistant control cable. The specially blended polyurethane jacket provides an excellent chemical and abrasion resistance as well as being tear resistant and halogen free with low flame propagation. For use in harsh environments.

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Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	PVC, T12 acc. to DIN VDE 0281 part 1 + HD 21.1
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers, 2 conductors and > 8 conductors wrapping with non-woven tape over the outer layer
Inner jacket:	above 12 AWG: PVC TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Jacket material:	PU acc. to UL 758
Jacket color:	gray

Outstanding features:

- oil resistant
- abrasion resistant
- notch resistant
- good chemical resistance

Technical data:

Nominal voltage:	DIN VDE Uo/U 300/500 V	UL/CSA 600 V
Testing voltage U:	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2	
Min. bending radius		
<i>fixed installation:</i>	< 12 mm = 3 x O.D. > 12 mm = 4 x O.D.	
<i>free movement:</i>	< 12 mm = 5 x O.D. > 12 mm = 6 x O.D.	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE static: flexing:	UL/CSA: up to +80 °C +5/+70 °C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 and FT2	
Oil resistance:	very good - oil rating 60°C acc. to UL 1581	
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.	
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25	

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 20 AWG (17/32) • 0.50 mm²				
02612002	2	0.244	6.2	32
02612003	3	0.252	6.4	38
02612004	4	0.268	6.8	44
02612005	5	0.291	7.4	53
02612007	7	0.311	7.9	65
02612009	9	0.374	9.5	81
02612012	12	0.398	10.1	97
02612018	18	0.457	11.6	136
02612025	25	0.539	13.7	178
02612030	30	0.555	14.1	206
02612034	34	0.598	15.2	233
02612042	42	0.654	16.6	290
02612050	50	0.709	18.0	331

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 18 AWG (30/32) • 1.00 mm²				
02611802	2	0.272	6.9	43
02611803	3	0.280	7.1	51
02611804	4	0.303	7.7	61
02611805	5	0.327	8.3	74
02611807	7	0.378	9.6	99
02611809	9	0.429	10.9	116
02611812	12	0.453	11.5	139
02611818	18	0.528	13.4	200
02611825	25	0.630	16.0	267
02611830	30	0.657	16.7	312
02611834	34	0.709	18.0	355
02611842	42	0.756	19.2	431
02611850	50	0.886	22.5	542
▶ 16 AWG (27-29/30) • 1.50 mm²				
02611602	2	0.295	7.5	53
02611603	3	0.307	7.8	65
02611604	4	0.331	8.4	78
02611605	5	0.358	9.1	94
02611607	7	0.417	10.6	128
02611609	9	0.480	12.2	151
02611612	12	0.504	12.8	182
02611618	18	0.587	14.9	263
02611625	25	0.709	18.0	360
02611630	30	0.732	18.6	420
02611634	34	0.791	20.1	528
02611642	42	0.902	22.9	629
02611650	50	0.984	25.0	726

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 14 AWG (46/30) • 2.50 mm²				
02611402	2	0.343	8.7	75
02611403	3	0.358	9.1	94
02611404	4	0.386	9.8	114
02611405	5	0.421	10.7	140
02611407	7	0.496	12.6	194
02611409	9	0.587	14.9	235
02611412	12	0.602	15.3	277
02611418	18	0.717	18.2	412
02611425	25	0.913	23.2	595
▶ 12 AWG (52/28) • 4.00 mm²				
02611203	3	0.469	11.9	157
02611204	4	0.512	13.0	194
02611205	5	0.547	13.9	230
▶ 10 AWG (78/28) • 6.00 mm²				
02611004	4	0.579	14.7	264
02611005	5	0.634	16.1	324
▶ 8 AWG (77/26) • 10.00 mm²				
02610804	4	0.728	18.5	433

Other dimensions and colors are possible on request.

