

Flexible Control Cables

CC 600

Oil Resistant 90°C flexible control cable with black conductors



Marking for CC 600 02041604:

SAB BRÖCKSKES · D-VIERSEN · <VDE-REG 7000> 4x1.5mm² CC 600 16 AWG/4c 02041604

AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

A
5

Construction:

Conductor: AWG 20 - 10:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
AWG 8 - 1:	bare copper strands acc. to UL/CSA
Insulation:	special PVC acc. to VDE and UL/CSA
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers
Jacket material:	special oil resistant PVC acc. to VDE and UL/CSA
Jacket color:	gray (RAL 7000)

Technical data:

Nominal voltage:	Uo/U 300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	conductor/conductor: 3000 V	
Min. bending radius: <i>fixed installation:</i>	4 x O.D.	
<i>free movement:</i>	6 x O.D.	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range: <i>static:</i>	DIN VDE -40/+70°C	UL/CSA: up to +90°C
<i>flexible:</i>	+5/+70°C	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2	
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1, Oil 60°C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210	
Chemical resistance:	see page O/11	
Approvals:	UR AWM, CSA AWM, CE, EAC, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

Outstanding features:

- UL recognized, CSA approved
- high mechanical loading capacity
- oil resistant
- .AWG 20 - AWG 10 built acc. to VDE-Reg. no. 7000

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 16/32) • 0.50 mm²				
02042002	2	0.209	5.3	28
02042003	3	0.220	5.6	32
02042004	4	0.236	6.0	38
02042005	5	0.264	6.7	47
02042007	7	0.283	7.2	58
02042008	8	0.335	8.5	73
02042009	9	0.362	9.2	84
02042010	10	0.370	9.4	85
02042012	12	0.382	9.7	96
02042014	14	0.398	10.1	108
02042016	16	0.429	10.9	125
02042018	18	0.449	11.4	138
02042025	25	0.547	13.9	189
02042034	34	0.614	15.6	249
02042041	41	0.665	16.9	287
02042061	61	0.780	19.8	422
▶ 18 AWG (≈ 30/32) • 1.00 mm²				
02041802	2	0.236	6.0	37
02041803	3	0.252	6.4	46
02041804	4	0.276	7.0	55
02041805	5	0.307	7.8	69
02041807	7	0.335	8.5	86
02041809	9	0.425	10.8	122
02041810	10	0.433	11.0	125
02041812	12	0.445	11.3	142
02041814	14	0.476	12.1	165
02041815	15	0.500	12.7	180
02041818	18	0.535	13.6	209
02041825	25	0.646	16.4	285
02041834	34	0.728	18.5	376
02041841	41	0.783	19.9	434
02041850	50	0.882	22.4	533
02041861	61	0.933	23.7	649

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) • 1.50 mm²				
02041602	2	0.264	6.7	48
02041603	3	0.280	7.1	58
02041604	4	0.311	7.9	73
02041605	5	0.339	8.6	88
02041607	7	0.378	9.6	115
02041608	8	0.441	11.2	140
02041609	9	0.480	12.2	162
02041612	12	0.504	12.8	189
02041615	15	0.563	14.3	229
02041618	18	0.602	15.3	277
02041625	25	0.728	18.5	382
02041630	30	0.760	19.3	448
02041634	34	0.827	21.0	511
02041641	41	0.902	22.9	597
02041650	50	0.98	24.9	714
02041661	61	1.051	26.7	880
▶ 14 AWG (≈ 46/30) • 2.50 mm²				
02041402	2	0.319	8.1	73
02041403	3	0.339	8.6	89
02041404	4	0.374	9.5	112
02041405	5	0.417	10.6	140
02041407	7	0.457	11.6	177
02041409	9	0.587	14.9	267
02041412	12	0.618	15.7	296
02041418	18	0.736	18.7	432
02041425	25	0.909	23.1	607

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 12 AWG (≈ 52/28) • 4.00 mm²				
02041203	3	0.402	10.2	132
02041204	4	0.445	11.3	165
02041205	5	0.496	12.6	204
02041207	7	0.547	13.9	267
02041212	12	0.740	18.8	447
▶ 10 AWG (≈ 78/28) • 6.00 mm²				
02041003	3	0.476	12.1	191
02041004	4	0.520	13.2	236
02041005	5	0.587	14.9	296
02041007	7	0.669	17.0	403
▶ 8 AWG (≈ 69/26)				
02040803	3	0.602	15.3	302
02040804*	4	0.669	17.0	383
02040805	5	0.744	18.9	468
▶ 6 AWG (≈ 110/26)				
02040604	4	0.823	20.9	568
02040605	5	0.929	23.6	651
▶ 4 AWG (≈ 175/26)				
02040404	4	1.008	25.6	914
▶ 2 AWG (≈ 272/26)				
02040204	4	1.197	30.4	1349
▶ 1 AWG (≈ 342/26)				
02040104	4	1.307	33.2	1656

Other dimensions and colors are available on request
* 2040804 is built acc. to VDE-Reg no. 7000 with class 5 copper strands



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

