

# Control and connection cables

## CC 600

PVC control cable with numbered black cores, AWG 8 - AWG 1



Marking for CC 600 02040804:

SAB BRÖCKSKES · D-VIERSEN · CC 600 8 AWG/4c 02040804

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

### Construction:

<b>Conductor:</b>	bare copper strands acc. to UL/CSA
<b>Insulation:</b>	special PVC acc. to VDE and UL/CSA
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	special oil resistant PVC acc. to VDE and UL/CSA
<b>Sheath colour:</b>	grey (RAL 7000)

### Outstanding features:



- UL recognized, CSA approved
- high mechanical loading capacity
- oil resistant
- on request construction with metric conductor stranding and VDE-Reg. no.

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Voltage UL/CSA:</b>	600 V
<b>Testing voltage:</b>	core/core 3000 V
<b>Min. bending radius</b>	
fixed laying:	4 x d
flexible application:	6 x d
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	DIN VDE UL/CSA: up to +90 °C
fixed laying:	-40/+70 °C
flexible application:	+5/+70 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2
<b>Oil resistance:</b>	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
<b>Chem. resistance:</b>	see chapter N „Technical Data“
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see chapter N „Technical Data“

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02040803	3 x 8	0,41	15,3	253,4	449
02040804	4 x 8	0,41	17,0	337,9	570
02040805	5 x 8	0,41	18,9	422,4	696
02040604	4 x 6	0,41	20,9	541,4	845
02040605	5 x 6	0,41	23,6	676,8	969
02040404	4 x 4	0,41	25,6	844,8	1360
02040204	4 x 2	0,41	30,4	1344,0	2007
02040104	4 x 1	0,41	33,2	1651,2	2464

Other dimensions and colours are possible on request.