

# Flexible Control Cables

## CRX 600

Oil & chemical resistant 105°C flexible control cable



Marking for CRX 600 32040315:

SAB BRÖCKSKES · D-VIERSEN · CRX 600 AWM Style 21237 105°C 600V cUL AWM I/II A/B 105°C Oil 60°C 1000V FT1 FT2 CE

A  
24

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	TPE
<b>Color code:</b>	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
<b>Stranding:</b>	in layers
<b>Jacket material:</b>	TPE
<b>Jacket color:</b>	gray (RAL 7000)

### Outstanding features:

- general purpose flexing applications requiring UL and cUL recognition
- extra chemical resistant
- oil resistant

### Technical data:

<b>Nominal voltage:</b>	Uo/U 300/500 V	
<b>Voltage:</b>	<b>UL</b> 600 V	<b>cUL</b> 1000 V
<b>Testing voltage:</b>	conductor/conductor: 2000 V	
<b>Min. bending radius:</b>	fixed installation: 4 x O.D. free movement: 6 x O.D.	
<b>Temperature range:</b>	<b>UL-AWM + cUL-AWM:</b> up to +105°C <b>DIN VDE</b> -30/+90°C flexible: -20/+90°C	
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, cUL FT1, FT2	
<b>Oil resistance:</b>	Oil 60°C	
<b>Approvals:</b>	UR AWM, cUR AWM, CE, RoHS	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30	

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
<b>▶ 20 AWG (≈ 16/32) - 0.50 mm<sup>2</sup></b>				
32042002	2	0.209	5.3	24
32042003	3	0.220	5.6	28
32042004	4	0.236	6.0	34
32042005	5	0.256	6.5	40
32042007	7	0.280	7.1	51
32042012	12	0.370	9.4	83
32042015	15	0.417	10.6	105
32042025	25	0.535	13.6	144
<b>▶ 18 AWG (≈ 30/32) - 1.00 mm<sup>2</sup></b>				
32041802	2	0.236	6.0	33
32041803	3	0.248	6.3	40
32041804	4	0.268	6.8	48
32041805	5	0.299	7.6	60
32041807	7	0.323	8.2	75
32041809	9	0.413	10.5	108
32041812	12	0.437	11.1	126
32041815	15	0.492	12.5	159
32041818	18	0.524	13.3	187
32041825	25	0.638	16.2	256
32041850	50	0.850	21.6	484

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
<b>▶ 16 AWG (≈ 27-29/30) - 1.50 mm<sup>2</sup></b>				
32041602	2	0.260	6.6	45
32041603	3	0.272	6.9	54
32041604	4	0.303	7.7	68
32041605	5	0.331	8.4	78
32041607	7	0.366	9.3	102
32041612	12	0.492	12.5	170
32041615	15	0.555	14.1	213
32041618	18	0.591	15.0	251
32041625	25	0.717	18.2	347
32041650	50	0.965	24.5	669
<b>▶ 14 AWG (≈ 46/30) - 2.50 mm<sup>2</sup></b>				
32041403	3	0.327	8.3	77
32041404	4	0.335	8.5	97
32041405	5	0.398	10.1	120
32041407	7	0.441	11.2	157
32041412	12	0.602	15.3	266
32041418	18	0.717	18.2	391
32041425	25	0.878	22.3	540

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
<b>▶ 12 AWG (≈ 52/28) - 4.00 mm<sup>2</sup></b>				
32041203	3	0.382	9.7	115
32041204	4	0.425	10.8	146
32041205	5	0.476	12.1	181
32041207	7	0.528	13.4	226
<b>▶ 10 AWG (≈ 78/28) - 6.00 mm<sup>2</sup></b>				
32041003	3	0.449	11.4	166
32041004	4	0.500	12.7	211
32041005	5	0.559	14.2	261
<b>▶ 8 AWG (≈ 69/26)</b>				
32040804	4	0.76	19.3	406
<b>▶ 6 AWG (≈ 110/26)</b>				
32040604	4	0.835	21.2	576
<b>▶ 4 AWG (≈ 175/26)</b>				
32040404	4	1.043	26.5	930
<b>▶ 2 AWG (≈ 272/26)</b>				
32040204	4	1.189	30.2	1271
<b>▶ 1 AWG (≈ 342/26)</b>				
32040104	4	1.378	35.0	1736

2 conductor cable does not have ground  
Other dimensions and colors are available on request



**Extra  
chemical resistance**