

FLEXIBLE SPECIALITY CABLES

CRX 600 Oil resistant 105°C flexible control cable



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

CRX 600 is a multi-conductor, 600 V, 105°C, UL approved, chemical resistant and oil resistant flexible control cable. The reduced outer diameter permits easy handling and installation in confined areas. Recommended applications for use in industrial painting machinery, water treatment facilities, chemical processing, harsh environments and areas utilizing various cleaning solvents. Control and Power supply cable with Extra Chemical Resistance, such as MEK, Acetone, Xylene, Turpentine.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	TPE 355
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Jacket material:	TPE 355
Jacket color:	gray

Technical data:

Voltage:	UL: 600 V	cUL: 1000 V
Nominal voltage:	DIN VDE: Uo/U 300/500 V	
Testing voltage U:	conductor/conductor 2000 V	
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.	
Temperature range	DIN VDE:	UL + cUL: up to +105°C
<i>static:</i>	-30/+80°C	
<i>flexing:</i>	-20/+80°C	
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2, UL VW-1, cUL FT1 FT2	
Oil resistance:	Oil 60 °C	

Outstanding features:

- General purpose flexing applications requiring UL and cUL approvals

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 20 AWG (17/32) • 0.50 mm²				
32042002	2	0.209	5.3	24
32042003	3	0.220	5.6	28
32042004	4	0.236	6.0	34
32042007	7	0.280	7.1	51
32042012	12	0.370	9.4	83
32042015	15	0.417	10.6	106
32042025	25	0.547	13.9	144
▶ 18 AWG (30/32) • 1.00 mm²				
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	485

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 16 AWG (27-29/30) • 1.50 mm²				
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	222
32041625	25	0.717	18.2	251
32041650	50	0.965	24.5	347
▶ 14 AWG (46/30) • 2.50 mm²				
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	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 12 AWG (52/28) • 4.00 mm²				
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
▶ 10 AWG (78/28) • 6.00 mm²				
32041003	3	0.449	11.4	166
32041004	4	0.500	12.7	211
32041005	5	0.559	14.2	261
▶ 8 AWG (77/26) • 10.00 mm²				
32040804	4	0.760	19.3	406
▶ 6 AWG (119/26) • 16.00 mm²				
32040604	4	0.835	21.2	576
▶ 4 AWG (196/26) • 25.00 mm²				
32040404	4	1.043	26.5	930
▶ 2 AWG (280/26) • 35.00 mm²				
32040204	4	1.189	30.7	1271
▶ 1 AWG (400/26) • 50.00 mm²				
32040104	4	1.378	35.0	1736

Other dimensions and colors are possible on request.

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