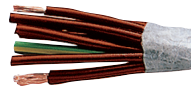


CONTINUOUS FLEX CABLES

also available with black and blue conductors and orange jacket



S 960 P red Very flexible continuous flex polyurethane control cable for small bending radius with red conductors



Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2

Marking for S 960 P red 37201607: SAB BRÖCKSKES · D-VIERSEN ·

37200715 7 x 1,5 mm² S 960 P red 16 AWG/7c 37201607 AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

S 960 P red is a very flexible multi-conductor 80°C, 600 V cable designed for continuous flex applications. The specially PUR jacket passes not only the stringent VDE test 0282 part 10 and HD 22.10 oil test providing the best oil resistance, but it also provides excellent chemical and abrasion resistance. The S 960 P red is designed for use on gantry robots, cable tracks, pick and place units, automated handling equipment, machine tools, conveyor systems and other continuous flexing applications in harsh environments.

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Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
Insulation:	PVC, T12 acc. to DIN VDE 0281 part 1 + HD 21.1
Color code:	red conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	specially adjusted layering with non-woven tape over each layer
Jacket material:	PU acc. to UL 758 with mat surface
Jacket color:	gray

Technical data:

Nominal voltage:	DIN VDE: U ₀ /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 continuous flexing:	7.5 x O.D.
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range static flexing:	DIN VDE -40/+70°C UL/CSA: up to +80°C
Burning characteristics:	flame retardant and self-extinguishing acc. to UL VW-1, CSA FT1 and FT2
Oil resistance:	very good - oil rating 60°C acc. to UL 758
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

Outstanding features:

- very good oil resistant
- very good chemical resistance
- high abrasion resistance
- very good flexibility

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
▶ 20 AWG (33/34) • 0.50 mm² 37202002 2 0.252 6.4 31 37202003 3 0.264 6.7 36 37202004 4 0.280 7.1 42 37202005 5 0.303 7.7 52 37202007 7 0.346 8.8 70 37202012 12 0.413 10.5 97 37202018 18 0.472 12.0 134 37202025 25 0.563 14.3 180 37202034 34 0.598 15.2 235 37202050 50 0.728 18.5 245 37202061 61 0.787 20.0 298					▶ 18 AWG (56/34) • 1.00 mm² 37201812 12 0.461 11.7 136 37201818 18 0.535 13.6 200 37201825 25 0.646 16.4 263 37201834 34 0.709 18.0 350 37201850 50 0.878 22.3 527 37201861 61 0.961 24.4 648					▶ 12 AWG (224/34) • 4.00 mm² 37201203 3 0.465 11.8 139 37201204 4 0.469 11.9 165 37201205 5 0.516 13.1 200 37201207 7 0.654 16.6 278				
▶ 19 AWG (42/34) • 0.75 mm² 37201902 2 0.268 6.8 37 37201903 3 0.280 7.1 42 37201904 4 0.299 7.6 50 37201905 5 0.323 8.2 60 37201907 7 0.374 9.5 81 37201912 12 0.445 11.3 115 37201918 18 0.516 13.1 161 37201925 25 0.622 15.8 221 37201934 34 0.689 17.5 225 37201950 50 0.787 20.0 401 37201961 61 0.925 23.5 525					▶ 16 AWG (84/34) • 1.50 mm² 37201602 2 0.299 7.6 50 37201603 3 0.315 8.0 60 37201604 4 0.339 8.6 73 37201605 5 0.366 9.3 90 37201607 7 0.425 10.8 124 37201612 12 0.508 12.9 181 37201618 18 0.594 15.1 263 37201625 25 0.720 18.3 355 37201634 34 0.803 20.4 467 37201650 50 0.976 24.8 710 37201665 61 1.091 27.7 862					▶ 10 AWG (192/32) • 6.00 mm² 37201003 3 0.528 13.4 203 37201004 4 0.571 14.5 247 37201005 5 0.630 16.0 307				
▶ 18 AWG (56/34) • 1.00 mm² 37201802 2 0.276 7.0 41 37201803 3 0.287 7.3 47 37201804 4 0.311 7.9 57 37201805 5 0.335 8.5 69 37201807 7 0.386 9.8 88					▶ 14 AWG (140/34) • 2.50 mm² 37201402 2 0.362 9.2 74 37201403 3 0.382 9.7 91 37201404 4 0.413 10.5 113 37201405 5 0.453 11.5 136 37201407 7 0.531 13.5 181 37201412 12 0.654 16.6 293 37201418 18 0.783 19.9 428 37201425 25 1.000 25.4 620					▶ 8 AWG (320/32) • 10.00 mm² 37200804 4 0.705 17.9 403 37200805 5 0.776 19.7 503				
					▶ 6 AWG (512/32) • 16.00 mm² 37200604 4 0.823 20.9 575 37200605 5 0.953 24.2 734									
					▶ 4 AWG (798/32) • 25.00 mm² 37200404 4 1.020 25.9 892 37200405 5 1.122 28.5 1089									
					▶ 2 AWG (1102/32) • 35.00 mm² 37200204 4 1.150 29.2 1165 37200205 5 1.272 32.3 1420									
					▶ 1 AWG (703/28) • 50.00 mm² 37200104 4 1.350 34.3 1659									

Other dimensions and colors are possible on request.

E-mail: info@sabcable.com



Web site: www.sabcable.com