

Flexible Control Cables

CC 550 P

PUR control cable with numbered conductors, halogen-free and oil resistant



KSKES · D-VIERSEN · CC 550 P 12x1.5mm² CE



Marking for CC 550 P 52791215:

SAB BRÖCKSKES · D-VIERSEN · CC 550 P 12x1.5mm² CE

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Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	SABIX®
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:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Jacket color:	black (RAL 9005)

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
Min. bending radius:	
<i>fixed installation:</i>	4 x O.D.
<i>free movement:</i>	6 x O.D.
Temperature range:	
<i>static:</i>	-40/+90°C
<i>flexible:</i>	+30/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Flexibility:	very good
Weather resistance:	good
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- halogen-free
- very good mechanical strength
- abrasion resistant
- notch resistant
- good chemical resistance
- oil resistant
- flame retardant
- sunlight resistant
- weather resistant

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 18 AWG (≈ 30/32) ▪ 1.00 mm²				
52790210	2	0.244	6.2	35
52790310	3	0.256	6.5	42
52790510	5	0.303	7.7	62
52790710	7	0.327	8.3	79
52791210	12	0.437	11.1	132
52791810	18	0.508	12.9	176
52792410	24	0.606	15.4	248
52793610	36	0.689	17.5	353
52795010	50	0.819	20.8	485
52797210	72	0.996	25.3	702

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
52790215	2	0.268	6.8	44
52790315	3	0.283	7.2	54
52790515	5	0.335	8.5	81
52790715	7	0.362	9.2	101
52791215	12	0.488	12.4	173
52791815	18	0.567	14.4	248
52792415	24	0.677	17.2	333

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
52790325	3	0.335	8.5	81
52790425	4	0.362	9.2	101
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
52790540	5	0.476	12.1	185
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
52790460	4	0.5	12.7	215

Other dimensions and colors are available on request



Application example: for the flexible laying in building and utility vehicles