

ÖZ-0 (E) PVC control cable with numbered cores and blue outer sheath

KES · D-VIERSEN · ÖZ-0 (E) VDE-Reg.-Nr. 7000 CC 203 3 x 0,75 mm² CE



Marking for ÖZ-0 (E) 02030307:

SAB BRÖCKSKES · D-VIERSEN · ÖZ-0 (E) VDE-Reg.-Nr. 7000 CC 203 3 x 0,75 mm² CE

Construction:

Conductor:	bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5
Insulation:	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Colour code:	black cores with consecutive numbers acc. to DIN VDE 0293 + HD 186
Stranding:	in layers
Sheath material:	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour:	light blue (RAL 5015)

Outstanding features:

- flexible
- for intrinsically safe circuits

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage U:	3000 V acc. to DIN VDE 0472 part 508
Min. bending radius	
fixed laying:	4 x d
flexible application:	6 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
fixed laying:	-40/+70 °C
flexible application:	+5/+70 °C
Fire performance:	flame retardant and self-extinguishing acc. to DIN VDE 0472 part 804 Prüfar B and IEC 60332-1
Oil resistance:	acc. to internal standard, see page N/14
Chem. resistance:	see page N/9
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/14

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02030207	2 x 0,75	0,21	5,7	14,4	47
02030307	3 x 0,75	0,21	6,1	21,6	58
02030407	4 x 0,75	0,21	6,7	28,8	71
02030507	5 x 0,75	0,21	7,3	36,0	86
02030707	7 x 0,75	0,21	8,1	50,4	108
02030210	2 x 1,00	0,21	6,0	19,2	55
02030310	3 x 1,00	0,21	6,4	28,8	67
02030410	4 x 1,00	0,21	7,0	38,4	82

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02030510	5 x 1,00	0,21	7,7	48,0	101
02030710	7 x 1,00	0,21	8,6	67,2	130
02030215	2 x 1,50	0,26	6,6	28,8	69
02030315	3 x 1,50	0,26	7,0	43,2	84
02030415	4 x 1,50	0,26	7,7	57,6	104
02030515	5 x 1,50	0,26	8,7	72,0	135
02030715	7 x 1,50	0,26	9,6	100,8	172

Other dimensions and colours are possible on request.