

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



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:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Sheath colour:</b>	blue (RAL 5015)

### Outstanding features:

- flexible
- for intrinsically safe circuits
- EAC approval

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage U:</b>	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2
<b>Min. bending radius</b>	
<i>fixed laying:</i>	4 x d
<i>flexible application:</i>	6 x d
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+70 °C
<i>flexible application:</i>	+5/+70 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Oil resistance:</b>	acc. to internal standard, see page N/15
<b>Chem. resistance:</b>	see page N/11
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

item no.	no. of cores x cross section n x mm <sup>2</sup>	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 <sup>2</sup>	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.