

## ÖLFLEX® CONTROL 133

Overall screened control cable  
CU/PVC/OS/PVC



### Info

**RROHR 500 V  
EN 50288-7**

### Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

### Product features

Multi-core cable, overall screened, PVC insulated and PVC jacketed

### Norm references / Approvals

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Halogen acid gas**  
IEC 60754-1 (max 20%)
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

### Design

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** PVC
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Outer sheath:** PVC, black

### Technical data

- Core identification code:**  
Black with printed numbers
- Insulation resistance:**  
100 MOhm x km
- Conductor stranding:**  
Class 2 IEC 60228
- Nominal Voltage U<sub>0</sub>/U:**  
500 V
- Test voltage:**  
C/C 2000 V x 1 minute
- Temperature range:**  
during operation: -30° to +70°C  
during installation: -5° to +50°C
- Minimum Bending Radius:**  
8 x Outer Diameter

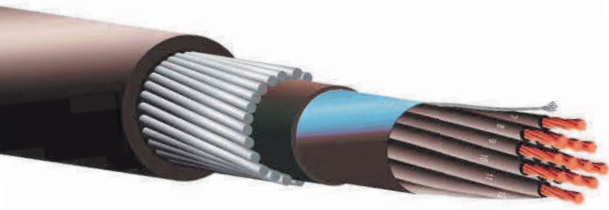
Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® CONTROL 133</b>			
2 x 1	7,0	25,6	61
3 x 1	7,4	36,1	77
4 x 1	8,1	46,5	97
5 x 1	9,0	57,0	117
7 x 1	9,7	77,8	150
10 x 1	12,4	109,2	215
12 x 1	12,8	130,1	243
14 x 1	13,5	151,0	276
16 x 1	14,4	171,8	317
19 x 1	15,2	203,2	363
20 x 1	16,0	213,6	389
24 x 1	17,9	255,4	462
25 x 1	17,9	265,8	473
27 x 1	18,3	286,7	504
30 x 1	18,9	318,1	552
37 x 1	20,6	391,2	672
2 x 1,5	7,8	36,5	78
3 x 1,5	8,3	52,3	101
4 x 1,5	9,3	68,2	132
5 x 1,5	10,1	84,1	155
7 x 1,5	11,0	115,8	201
10 x 1,5	14,1	163,4	290
12 x 1,5	14,8	195,1	336
14 x 1,5	15,5	226,9	383

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® CONTROL 133</b>			
16 x 1,5	16,4	258,6	432
19 x 1,5	17,5	306,2	505
20 x 1,5	18,4	322,1	543
24 x 1,5	20,6	385,5	644
25 x 1,5	20,6	401,4	659
27 x 1,5	21,0	433,1	704
30 x 1,5	21,8	480,7	773
37 x 1,5	23,7	591,8	941
2 x 2,5	9,4	55,4	111
3 x 2,5	9,9	80,8	146
4 x 2,5	10,9	106,2	188
5 x 2,5	12,1	131,5	228
7 x 2,5	13,1	182,2	297
10 x 2,5	16,9	258,3	430
12 x 2,5	17,7	309,0	499
14 x 2,5	18,6	359,7	570
16 x 2,5	19,7	410,4	645
19 x 2,5	20,9	486,5	755
20 x 2,5	22,1	511,9	810
24 x 2,5	24,7	613,3	960
25 x 2,5	24,7	638,6	985
27 x 2,5	25,3	689,3	1.054
30 x 2,5	26,4	765,4	1.172
37 x 2,5	28,7	942,9	1.427

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Photographs are not to scale and do not represent detailed images of the respective products

**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, other colors, Arctic version with operation between -60°C and +70°C



## ÖLFLEX® CONTROL SWA 135

Armoured overall screened control cable  
CU/PVC/OS/PVC/SWA/PVC



### Info

**RROHRFR 500 V  
EN 50288-7**

### Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

### Product features

Armoured multi-core cable, overall screened,  
PVC insulated and PVC jacketed

### Norm references / Approvals

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Halogen acid gas**  
IEC 60754-1 (max 20%)
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

### Design

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** PVC
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Inner sheath:** PVC, black
- **Armour:** Galvanized steel wires
- **Outer sheath:** PVC, black

### Technical data

- Core identification code:**  
Black with printed numbers
- Insulation resistance:**  
100 MOhm x km
- Conductor stranding:**  
Class 2 IEC 60228
- Nominal Voltage U<sub>0</sub>/U:**  
500 V
- Test voltage:**  
C/C 2000 V x 1 minute
- Temperature range:**  
during operation: -30° to +70°C  
during installation: -5° to +50°C
- Minimum Bending Radius:**  
10 x Outer Diameter

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® CONTROL SWA 135</b>			
2 x 1	11,6	25,6	244
3 x 1	12,0	36,1	269
4 x 1	12,9	46,5	308
5 x 1	13,8	57,0	348
7 x 1	14,6	77,8	397
10 x 1	17,5	109,2	529
12 x 1	17,9	130,1	566
14 x 1	18,5	151,0	612
16 x 1	19,4	171,8	674
19 x 1	20,4	203,2	746
20 x 1	22,0	213,6	905
24 x 1	23,9	255,4	1.031
25 x 1	23,9	265,8	1.042
27 x 1	24,5	286,7	1.095
30 x 1	25,1	318,1	1.162
37 x 1	26,8	391,2	1.331
2 x 1,5	12,7	36,5	284
3 x 1,5	13,1	52,3	318
4 x 1,5	14,1	68,2	370
5 x 1,5	14,9	84,1	411
7 x 1,5	15,8	115,8	475
10 x 1,5	19,2	163,4	641
12 x 1,5	19,8	195,1	702
14 x 1,5	20,8	226,9	775

Number of cores and mm <sup>2</sup> per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
<b>ÖLFLEX® CONTROL SWA 135</b>			
16 x 1,5	22,4	258,6	958
19 x 1,5	23,5	306,2	1.062
20 x 1,5	24,6	322,1	1.139
24 x 1,5	26,8	385,5	1.302
25 x 1,5	26,8	401,4	1.318
27 x 1,5	27,2	433,1	1.376
30 x 1,5	28,2	480,7	1.480
37 x 1,5	30,2	591,8	1.705
2 x 2,5	14,2	55,4	350
3 x 2,5	14,8	80,8	398
4 x 2,5	15,7	106,2	459
5 x 2,5	17,1	131,5	534
7 x 2,5	18,2	182,2	627
10 x 2,5	22,9	258,3	972
12 x 2,5	23,7	309,0	1.063
14 x 2,5	24,8	359,7	1.172
16 x 2,5	25,8	410,4	1.276
19 x 2,5	27,1	486,5	1.423
20 x 2,5	28,5	511,9	1.526
24 x 2,5	31,1	613,3	1.753
25 x 2,5	31,1	638,6	1.777
27 x 2,5	31,7	689,3	1.862
30 x 2,5	33,8	765,4	2.207
37 x 2,5	36,3	942,9	2.563

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Photographs are not to scale and do not represent detailed images of the respective products

**AVAILABLE ALSO IN:** Conductor Class 5, Tinned conductor, Armour SWB, DSTA, other colors,  
Arctic version with operation between -60°C and +70°C