



ÖLFLEX® CONTROL 232 H

Control cable LSZH
CU/HERP/LSZH



Info

**FG70M1 0,6/1 kV
IEC 60502-1**

Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

Product features

Multi-core cable, HEPR insulated and LSZH jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Smoke**
IEC 61034-1 and 2
- **Halogen acid gas**
IEC 60754-1 and 2
- **Fire behaviour**
IEC 60332-1-2
IEC 60332-3-22 (Cat. A)

Design

- **Conductor:** Flexible Annealed Copper
- **Core insulation:** HEPR
- **Outer sheath:** LSZH, black

Technical data

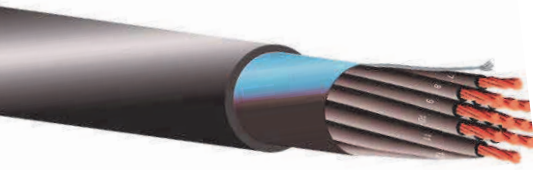
- Core identification code:**
Black with printed numbers
- Insulation resistance:**
1000 MOhm x km
- Conductor stranding:**
Class 5 IEC 60228
- Nominal Voltage U₀/U:**
0,6/1 Kv
- Test voltage:**
C/C 3500 V x 5 minutes
- Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +50°C
- Minimum Bending Radius:**
8 x Outer Diameter

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL 232 H			
2 x 1	9,5	20,7	96
3 x 1	10,0	31,0	113
4 x 1	10,7	41,3	136
5 x 1	11,5	51,6	155
7 x 1	12,4	72,3	189
10 x 1	15,3	103,3	260
12 x 1	15,8	123,9	289
14 x 1	16,5	144,6	324
16 x 1	17,4	165,3	360
19 x 1	18,2	196,2	406
20 x 1	19,2	206,6	438
24 x 1	21,1	247,9	505
25 x 1	21,1	258,2	514
27 x 1	21,5	278,9	545
30 x 1	22,3	309,9	593
37 x 1	24,0	382,2	703
2 x 1,5	10,1	28,2	108
3 x 1,5	10,6	42,4	131
4 x 1,5	11,4	56,5	159
5 x 1,5	12,3	70,6	182
7 x 1,5	13,2	98,8	224
10 x 1,5	16,4	141,2	311
12 x 1,5	16,9	169,4	347
14 x 1,5	17,7	197,7	391

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL 232 H			
16 x 1,5	18,6	225,9	436
19 x 1,5	19,6	268,3	495
20 x 1,5	20,6	282,4	533
24 x 1,5	22,7	338,9	617
25 x 1,5	22,7	353,0	629
27 x 1,5	23,2	381,3	668
30 x 1,5	24,0	423,6	729
37 x 1,5	25,9	522,5	868
2 x 2,5	11,1	48,4	138
3 x 2,5	11,7	72,6	171
4 x 2,5	12,7	96,8	212
5 x 2,5	13,7	121,0	246
7 x 2,5	14,8	169,5	310
10 x 2,5	18,5	242,1	434
12 x 2,5	19,1	290,5	490
14 x 2,5	20,0	338,9	555
16 x 2,5	21,1	387,3	623
19 x 2,5	22,2	459,9	712
20 x 2,5	23,4	484,2	767
24 x 2,5	25,9	581,0	892
25 x 2,5	25,9	605,2	912
27 x 2,5	26,4	653,6	973
30 x 2,5	27,4	726,2	1.066
37 x 2,5	29,8	895,7	1.293

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: XLPE Insulation, Conductor Class 2, other colors, Arctic version with operation between -60°C and +70°C



ÖLFLEX® CONTROL 234 H

Overall screened control cable, LSZH
CU/XLPE/OS/LSZH



Info

**RE4OHM1 500 V
EN 50288-7**

Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

Product features

Multi-core cable, overall screened, XLPE insulated and LSZH jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Smoke**
IEC 61034-1 and 2
- **Halogen acid gas**
IEC 60754-1 and 2
- **Fire behaviour**
IEC 60332-1-2
IEC 60332-3-22 (Cat. A)

Design

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

Technical data

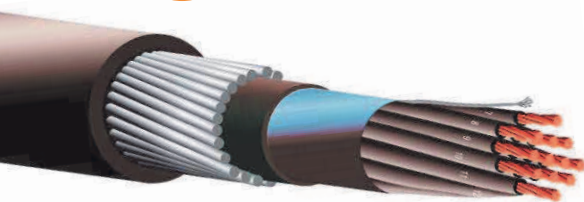
- Core identification code:**
Black with printed numbers
- Insulation resistance:**
5000 MOhm x km
- Conductor stranding:**
Class 2 IEC 60228
- Nominal Voltage U₀/U:**
500 V
- Test voltage:**
C/C 2000 V x 1 minute
- Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +50°C
- Minimum Bending Radius:**
8 x Outer Diameter

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL 234 H			
2 x 1	7,0	25,6	58
3 x 1	7,4	36,1	73
4 x 1	8,1	46,5	90
5 x 1	9,0	57,0	109
7 x 1	9,7	77,8	138
10 x 1	12,4	109,2	198
12 x 1	12,8	130,1	222
14 x 1	13,5	151,0	251
16 x 1	14,4	171,8	289
19 x 1	15,2	203,2	329
20 x 1	16,0	213,6	354
24 x 1	17,9	255,4	420
25 x 1	17,9	265,8	429
27 x 1	18,3	286,7	456
30 x 1	18,9	318,1	499
37 x 1	20,6	391,2	606
2 x 1,5	7,8	36,5	74
3 x 1,5	8,3	52,3	95
4 x 1,5	9,3	68,2	124
5 x 1,5	10,1	84,1	145
7 x 1,5	11,0	115,8	185
10 x 1,5	14,1	163,4	268
12 x 1,5	14,8	195,1	309
14 x 1,5	15,5	226,9	351

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL 234 H			
16 x 1,5	23,7	258,6	973
19 x 1,5	25,0	306,2	1.080
20 x 1,5	26,0	322,1	1.143
24 x 1,5	28,4	385,5	1.308
25 x 1,5	28,4	401,4	1.321
27 x 1,5	28,8	433,1	1.374
30 x 1,5	29,6	480,7	1.458
37 x 1,5	31,5	591,8	1.663
2 x 2,5	15,6	55,4	386
3 x 2,5	16,4	80,8	439
4 x 2,5	17,3	106,2	498
5 x 2,5	18,5	131,5	561
7 x 2,5	19,6	182,2	648
10 x 2,5	24,5	258,3	1.003
12 x 2,5	25,3	309,0	1.085
14 x 2,5	26,2	359,7	1.176
16 x 2,5	27,2	410,4	1.273
19 x 2,5	28,7	486,5	1.420
20 x 2,5	29,9	511,9	1.508
24 x 2,5	32,7	613,3	1.732
25 x 2,5	32,7	638,6	1.754
27 x 2,5	33,3	689,3	1.831
30 x 2,5	35,1	765,4	2.155
37 x 2,5	37,7	942,9	2.481

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
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AVAILABLE ALSO IN: Conductor Class 5, Tinned conductor, other colors, Arctic version with operation between -60°C and +70°C



ÖLFLEX® CONTROL SWA 235 H

Armoured overall screened control cable LSZH
CU/XLPE/OS/SWA/LSZH



Info

**RE4OHM1 FM1 500 V
EN 50288-7**

Benefits

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant
- Halogen free
- Low Smoke

Product features

Armoured multi-core cable, overall screened, XLPE insulated and LSZH jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Smoke**
IEC 61034-1 and 2
- **Halogen acid gas**
IEC 60754-1 and 2
- **Fire behaviour**
IEC 60332-1-2
IEC 60332-3-22 (Cat. A)

Design

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

Technical data

- Core identification code:**
Black with printed numbers
- Insulation resistance:**
5000 MOhm x km
- Conductor stranding:**
Class 2 IEC 60228
- Nominal Voltage U₀/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 ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA 235 H			
2 x 1	11,6	25,6	242
3 x 1	12,0	36,1	265
4 x 1	12,9	46,5	303
5 x 1	13,8	57,0	341
7 x 1	14,6	77,8	386
10 x 1	17,5	109,2	513
12 x 1	17,9	130,1	546
14 x 1	18,5	151,0	589
16 x 1	19,4	171,8	647
19 x 1	20,4	203,2	714
20 x 1	22,0	213,6	870
24 x 1	23,9	255,4	989
25 x 1	23,9	265,8	998
27 x 1	24,5	286,7	1.048
30 x 1	25,1	318,1	1.109
37 x 1	26,8	391,2	1.264
2 x 1,5	12,7	36,5	282
3 x 1,5	13,1	52,3	312
4 x 1,5	14,1	68,2	362
5 x 1,5	14,9	84,1	401
7 x 1,5	15,8	115,8	460
10 x 1,5	19,2	163,4	620
12 x 1,5	19,8	195,1	676
14 x 1,5	20,8	226,9	744

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SWA 235 H			
16 x 1,5	22,4	258,6	922
19 x 1,5	23,5	306,2	1.019
20 x 1,5	24,6	322,1	1.093
24 x 1,5	26,8	385,5	1.247
25 x 1,5	26,8	401,4	1.260
27 x 1,5	27,2	433,1	1.313
30 x 1,5	28,2	480,7	1.410
37 x 1,5	30,2	591,8	1.618
2 x 2,5	14,2	55,4	346
3 x 2,5	14,8	80,8	390
4 x 2,5	15,7	106,2	448
5 x 2,5	17,1	131,5	519
7 x 2,5	18,2	182,2	605
10 x 2,5	22,9	258,3	940
12 x 2,5	23,7	309,0	1.024
14 x 2,5	24,8	359,7	1.126
16 x 2,5	25,8	410,4	1.223
19 x 2,5	27,1	486,5	1.359
20 x 2,5	28,5	511,9	1.459
24 x 2,5	31,1	613,3	1.672
25 x 2,5	31,1	638,6	1.693
27 x 2,5	31,7	689,3	1.770
30 x 2,5	33,8	765,4	2.106
37 x 2,5	36,3	942,9	2.436

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, Armour SWB, DSTA, other colors, Arctic version with operation between -60°C and +70°C