



ÖLFLEX® CONTROL SC SWB 713 H

Armoured ship board control cable LSZH
CU/XLPE/LSZH/SWB/LSZH



Info

RE4OAM 1 0,6/1 Kv
IEC 60092-353

Benefits

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

Product features

Armoured multi-core cable, 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
- **Inner sheath:** LSZH, black
- **Armour:** Galvanized steel wire braid
- **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:**
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 SC SWB 713 H			
4 x 1	12,3	41,8	201
5 x 1	13,1	52,2	225
7 x 1	14,6	73,1	300
10 x 1	17,6	104,4	405
12 x 1	18,0	125,3	436
14 x 1	18,8	146,2	480
16 x 1	19,6	167,1	524
19 x 1	20,7	198,4	588
20 x 1	21,6	208,9	629
24 x 1	23,7	250,7	727
25 x 1	23,7	261,1	736
27 x 1	24,1	282,0	771
30 x 1	24,9	313,3	827
37 x 1	26,7	386,4	968
2 x 1,5	11,7	31,7	174
3 x 1,5	12,2	47,6	201
4 x 1,5	13,1	63,5	236
5 x 1,5	14,6	79,3	302
7 x 1,5	15,5	111,1	356
10 x 1,5	18,9	158,7	485
12 x 1,5	19,4	190,4	527
14 x 1,5	20,4	222,1	594
16 x 1,5	21,3	253,9	652

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SC SWB 713 H			
19 x 1,5	22,3	301,5	724
20 x 1,5	23,5	317,3	786
24 x 1,5	25,6	380,8	898
25 x 1,5	25,6	396,7	912
27 x 1,5	26,3	428,4	972
30 x 1,5	27,1	476,0	1.047
37 x 1,5	29,2	587,1	1.232
2 x 2,5	12,6	50,7	207
3 x 2,5	13,2	76,1	244
4 x 2,5	14,8	101,4	327
5 x 2,5	15,8	126,8	371
7 x 2,5	16,8	177,5	446
10 x 2,5	20,8	253,6	625
12 x 2,5	21,4	304,3	685
14 x 2,5	22,3	355,0	764
16 x 2,5	23,6	405,7	856
19 x 2,5	24,7	481,8	959
20 x 2,5	26,1	507,1	1.039
24 x 2,5	28,5	608,5	1.194
25 x 2,5	28,5	633,9	1.215
27 x 2,5	29,2	684,6	1.298
30 x 2,5	30,1	760,7	1.404
37 x 2,5	32,5	938,2	1.663

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: Tinned copper conductors, tinned copper wire braid, Arctic version with operation between -60°C and +70°C



ÖLFLEX® CONTROL SC SWB F90 714 H

Fire resistant, armoured ship board control cable LSZH
CU/MT/XLPE/LSZH/SWB/LSZH



Info

RTE4OAM1 0,6/1 Kv
IEC 60092-353
IEC 60331-21

Benefits

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

Product features

Armoured multi-core cable, XLPE over MICA-tape 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)
IEC 60331-21 (90min./750°C)

Design

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE, over MICA-tape wrapped conductor
- **Inner sheath:** LSZH, black
- **Armour:** Galvanized steel wire braid
- **Outer sheath:** LSZH, black

Technical data

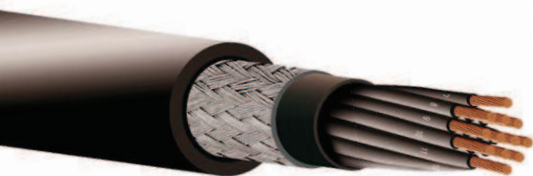
- Core identification code:**
Black with printed numbers
- Insulation resistance:**
5000 MOhm x km
- Conductor stranding:**
Class 2 IEC 60228
- Nominal Voltage U₀/U:**
0,6/1 Kv
- Test voltage:**
C/C 3500 V x 5 minutes
- Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +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 SC SWB F90 714 H			
4 x 1	15,4	41,8	299
5 x 1	16,4	52,2	334
7 x 1	17,8	73,1	399
10 x 1	21,8	104,4	546
12 x 1	22,5	125,3	586
14 x 1	23,7	146,2	659
16 x 1	24,8	167,1	721
19 x 1	26,1	198,4	808
20 x 1	27,4	208,9	870
24 x 1	30,2	250,7	1.003
25 x 1	30,2	261,1	1.013
27 x 1	30,8	282,0	1.062
30 x 1	32,0	313,3	1.156
37 x 1	34,9	386,4	1.384
2 x 1,5	13,8	31,7	216
3 x 1,5	15,0	47,6	288
4 x 1,5	16,1	63,5	338
5 x 1,5	17,5	79,3	388
7 x 1,5	18,7	111,1	459
10 x 1,5	23,3	158,7	643
12 x 1,5	24,0	190,4	696
14 x 1,5	25,1	222,1	771
16 x 1,5	26,5	253,9	862

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SC SWB F90 714 H			
19 x 1,5	27,7	301,5	956
20 x 1,5	29,3	317,3	1.043
24 x 1,5	32,3	380,8	1.205
25 x 1,5	32,3	396,7	1.220
27 x 1,5	32,9	428,4	1.283
30 x 1,5	34,6	476,0	1.432
37 x 1,5	37,7	587,1	1.758
2 x 2,5	15,3	50,7	288
3 x 2,5	16,0	76,1	336
4 x 2,5	17,4	101,4	408
5 x 2,5	18,7	126,8	462
7 x 2,5	20,3	177,5	566
10 x 2,5	25,1	253,6	782
12 x 2,5	26,0	304,3	868
14 x 2,5	27,2	355,0	967
16 x 2,5	28,8	405,7	1.083
19 x 2,5	30,1	481,8	1.210
20 x 2,5	31,9	507,1	1.317
24 x 2,5	35,6	608,5	1.561
25 x 2,5	35,6	633,9	1.584
27 x 2,5	36,2	684,6	1.669
30 x 2,5	38,1	760,7	1.903
37 x 2,5	41,0	938,2	2.235

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: Tinned copper conductors, tinned copper wire braid, Arctic version with operation between -60°C and +70°C



ÖLFLEX® CONTROL SC SWB 715 H

Armoured ship board control cable LSZH
CU/XLPE/LSZH/SWB/LSZH



Info

FE4OAM1 0,6/1 Kv
IEC 60092-353

Benefits

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

Product features

Armoured multi-core cable, 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:** Flexible Annealed Copper
- **Core insulation:** XLPE
- **Inner sheath:** LSZH, black
- **Armour:** Galvanized steel wire braid
- **Outer sheath:** LSZH, black

Technical data

- Core identification code:**
Black with printed numbers
- Insulation resistance:**
5000 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 SC SWB F90 715 H			
4 x 1	12,4	41,3	203
5 x 1	13,2	51,6	227
7 x 1	14,7	72,3	303
10 x 1	17,8	103,3	409
12 x 1	18,3	123,9	440
14 x 1	19,0	144,6	484
16 x 1	19,9	165,3	529
19 x 1	20,9	196,2	593
20 x 1	21,9	206,6	635
24 x 1	24,0	247,9	733
25 x 1	24,0	258,2	742
27 x 1	24,5	278,9	778
30 x 1	25,2	309,9	834
37 x 1	27,1	382,2	975
2 x 1,5	11,8	28,2	171
3 x 1,5	12,3	42,4	197
4 x 1,5	13,1	56,5	230
5 x 1,5	14,6	70,6	294
7 x 1,5	15,5	98,8	346
10 x 1,5	18,9	141,2	470
12 x 1,5	19,4	169,4	509
14 x 1,5	20,5	197,7	573
16 x 1,5	21,4	225,9	628

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SC SWB F90 715 H			
19 x 1,5	22,3	268,3	696
20 x 1,5	23,6	282,4	756
24 x 1,5	25,9	338,9	875
25 x 1,5	25,9	353,0	887
27 x 1,5	26,4	381,3	932
30 x 1,5	27,2	423,6	1.002
37 x 1,5	29,3	522,5	1.176
2 x 2,5	12,8	48,4	208
3 x 2,5	13,4	72,6	244
4 x 2,5	15,0	96,8	328
5 x 2,5	16,0	121,0	371
7 x 2,5	17,1	169,5	445
10 x 2,5	21,2	242,1	624
12 x 2,5	21,8	290,5	683
14 x 2,5	22,8	338,9	760
16 x 2,5	24,0	387,3	851
19 x 2,5	25,1	459,9	952
20 x 2,5	26,6	484,2	1.033
24 x 2,5	29,2	581,0	1.200
25 x 2,5	29,2	605,2	1.220
27 x 2,5	29,8	653,6	1.287
30 x 2,5	30,7	726,2	1.391
37 x 2,5	33,1	895,7	1.646

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AVAILABLE ALSO IN: Tinned copper conductors, tinned copper wire braid, Arctic version with operation between -60°C and +70°C



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Fire resistant, armoured ship board control cable LSZH
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IEC 60092-353
IEC 60331-21

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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)
IEC 60331-21 (90 min./750°C)

Design

- **Conductor:** Flexible Annealed Copper
- **Core insulation:** XLPE, over MICA-tape wrapped conductor
- **Inner sheath:** LSZH, black
- **Armour:** Galvanized steel wire braid
- **Outer sheath:** LSZH, black

Technical data

- Core identification code:**
Black with printed numbers
- Insulation resistance:**
5000 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 SC SWB F90 716 H			
4 x 1	15,5	41,3	302
5 x 1	16,6	51,6	337
7 x 1	18,0	72,3	403
10 x 1	22,1	103,3	551
12 x 1	22,7	123,9	592
14 x 1	23,9	144,6	664
16 x 1	25,0	165,3	728
19 x 1	26,4	196,2	815
20 x 1	27,7	206,6	878
24 x 1	30,5	247,9	1.011
25 x 1	30,5	258,2	1.022
27 x 1	31,1	278,9	1.071
30 x 1	32,3	309,9	1.166
37 x 1	35,2	382,2	1.396
2 x 1,5	13,8	28,2	213
3 x 1,5	15,1	42,4	284
4 x 1,5	16,2	56,5	332
5 x 1,5	17,5	70,6	381
7 x 1,5	18,8	98,8	449
10 x 1,5	23,4	141,2	629
12 x 1,5	24,0	169,4	679
14 x 1,5	25,1	197,7	751
16 x 1,5	26,5	225,9	838

Number of cores and mm ² per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
ÖLFLEX® CONTROL SC SWB F90 716 H			
19 x 1,5	27,8	268,3	928
20 x 1,5	29,4	282,4	1.014
24 x 1,5	32,4	338,9	1.170
25 x 1,5	32,4	353,0	1.183
27 x 1,5	33,0	381,3	1.243
30 x 1,5	34,7	423,6	1.388
37 x 1,5	37,8	522,5	1.703
2 x 2,5	15,5	48,4	290
3 x 2,5	16,2	72,6	337
4 x 2,5	17,6	96,8	410
5 x 2,5	18,9	121,0	463
7 x 2,5	20,6	169,5	566
10 x 2,5	25,5	242,1	783
12 x 2,5	26,4	290,5	867
14 x 2,5	27,6	338,9	965
16 x 2,5	29,2	387,3	1.081
19 x 2,5	30,6	459,9	1.206
20 x 2,5	32,4	484,2	1.314
24 x 2,5	36,1	581,0	1.557
25 x 2,5	36,1	605,2	1.579
27 x 2,5	36,8	653,6	1.663
30 x 2,5	38,7	726,2	1.898
37 x 2,5	41,6	895,7	2.227

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AVAILABLE ALSO IN: Tinned copper conductors, tinned copper wire braid, Arctic version with operation between -60°C and +70°C