

ÖLFLEX® CLASSIC 130 H

Halogen-free control cable with improved fire characteristics

ÖLFLEX® CLASSIC 130 H - halogen-free control cable, HFFR and flexible for various applications, nominal voltage: 300/500V

Info

VDE-certified

For use within public buildings and industrial plants

New: Extended application range

GL-certified and flexible at temperatures as low as -25°C



Halogen-free



Flame-retardant

Benefits

Easy installation due to flexible design

Certified for maritime applications

Substitutes ÖLFLEX® 120 H

Application range

Public buildings like airports or railway stations

Plant construction, machine building

Heating and air-conditioning systems

Event equipment

Particularly where human and animal life as well as valuable property are exposed to a high risk of fire hazards

Note: For use of AWM (Appliance Wiring Material) cables in industrial machinery (USA) according to NFPA 79 ed. 2015: please see the catalogue appendix table T29

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Product features

Flame-retardant according to IEC 60332-1-2
(flame spread on a single cable)

No flame propagation according to IEC 60332-3-22 and IEC 60332-3-24 or IEC 60332-3-25 (flame spread on vertical cable or conductor bunch)

Halogen-free according to IEC 60754-1
(amount of halogen acidic gas)

Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)

Low smoke density according to IEC 61034-2

Norm references / approvals

UL AWM style 21089

Based on EN 50525-3-11

Based on EN 50525-2-51

Germanischer Lloyd (GL)

certificate no. 11 120-14 HH

Design

Finely stranded bare copper wires

Core insulation: Halogen-free

Cores twisted in layers

Sheath made of special halogen-free compound, grey (RAL 7001)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-1
Conductor design:	Fine wire according to VDE 0295, class 5 / IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U ₀ /U: 300/500 V UL: 600 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -25°C to +70°C (UL: +75°C) Fixed installation: -40°C to +80°C (UL: +75°C)

Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

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

* Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 130 H				
1123000	2 X 0.5	5.1	9.6	36
1123001	3 G 0.5	5.4	14.4	42
1123002	3 X 0.5	5.4	14.4	42
1123003	4 G 0.5	5.8	19.2	55
1123004	4 X 0.5	5.8	19.2	55
1123005	5 G 0.5	6.3	24	65
1123006	5 X 0.5	6.3	24	65
1123008	7 G 0.5	6.9	33.6	80
1123009	7 X 0.5	6.9	33.6	80
1123010	8 G 0.5	8.2	38.4	103
1123012	10 G 0.5	8.8	48	112
1123013	12 G 0.5	9.1	57.6	128
1123017	18 G 0.5	10.8	86.4	189
1123020	25 G 0.5	12.7	120	260
1123021	30 G 0.5	13.6	144	294
1123032	2 X 0.75	5.5	14.4	47
1123033	3 G 0.75	5.8	21.6	56
1123034	3 X 0.75	5.8	21.6	56
1123035	4 G 0.75	6.3	28.8	69
1123036	4 X 0.75	6.3	28.8	69
1123037	5 G 0.75	6.9	36	83
1123038	5 X 0.75	6.9	36	83
1123041	7 G 0.75	7.5	50.4	104
1123042	7 X 0.75	7.5	50.4	104
1123046	10 G 0.75	9.8	72	149
1123047	12 G 0.75	10.1	86.4	172
1123048	12 X 0.75	10.1	86.4	172
1123051	18 G 0.75	12	129.6	252
1123054	25 G 0.75	14.1	180	352
1123056	34 G 0.75	16.3	244.8	466
1123066	2 X 1	5.8	19.2	55
1123067	3 G 1	6.1	28.8	67
1123068	3 X 1	6.1	28.8	67

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Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1123069	4 G 1	6.6	38.4	83
1123070	4 X 1	6.6	38.4	83
1123071	5 G 1	7.3	48	100
1123072	5 X 1	7.3	48	100
1123074	7 G 1	8.1	67.2	130
1123075	7 X 1	8.1	67.2	130
1123076	8 G 1	9.7	76.8	164
1123078	10 G 1	10.4	96	183
1123080	12 G 1	10.7	115.2	212
1123081	12 X 1	10.7	115.2	212
1123083	16 G 1	12.1	153.6	275
1123084	18 G 1	12.9	172.8	314
1123090	25 G 1	15	240	429
1123094	34 G 1	17.5	326.4	570
1123106	2 X 1.5	6.4	28.8	72
1123107	3 G 1.5	6.8	43.2	88
1123108	3 X 1.5	6.8	43.2	88
1123109	4 G 1.5	7.4	57.6	110
1123110	4 X 1.5	7.4	57.6	110
1123111	5 G 1.5	8.3	72	135
1123112	5 X 1.5	8.3	72	135
1123114	7 G 1.5	9	100.8	174
1123115	7 X 1.5	9	100.8	174
1123116	8 G 1.5	10.8	115.2	223
1123118	10 G 1.5	11.8	144	250
1123120	12 G 1.5	12.2	172.8	289
1123124	18 G 1.5	14.6	259.2	433
1123128	25 G 1.5	17.2	360	596
1123130	34 G 1.5	19.8	489.6	786
1123139	2 X 2.5	7.6	48	110
1123140	3 G 2.5	8.3	72	137
1123142	4 G 2.5	9	96	174
1123144	5 G 2.5	10.1	120	217
1123146	7 G 2.5	11.2	168	283

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Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1123149	12 G 2.5	15.1	288	467
1123151	18 G 2.5	18	432	696
1123153	25 G 2.5	21.1	600	969
1123159	3 G 4	9.8	115.2	213
1123160	4 G 4	10.8	153.6	267
1123161	5 G 4	12.1	192	331
1123162	7 G 4	13.4	268.8	432
1123166	3 G 6	11.7	172.8	303
1123167	4 G 6	13	230.4	388
1123168	5 G 6	14.5	288	480
1123169	7 G 6	16	403.2	626
1123172	4 G 10	16.2	384	601
1123173	5 G 10	18.1	480	735
1123177	4 G 16	18.8	614.4	917
1123178	5 G 16	21.2	768	1148
1123181	4 G 25	23.5	960	1418
1123182	5 G 25	26.4	1200	1769
1123185	4 G 35	26.6	1344	1905

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