

## 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, U<sub>0</sub>/U: 300/500V

### Info

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

For use within public buildings and industrial plants

New: Extended application range

GL certified and cold flexible down to -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 engineering, Industrial machinery

Heating and air-conditioning systems

Stage applications

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

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

## ÖLFLEX® CLASSIC 130 H

### 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 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)

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

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

Low smoke density according to IEC 61034-2

UL Cable Flame Test

### 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

### Product Make-up

Fine-wire strand made of bare copper wires

Core insulation: Halogen-free

Cores twisted in layers

Outer sheath: Special halogen-free compound, grey (similar to 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 stranding:	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:	U0/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)

## ÖLFLEX® CLASSIC 130 H

### Note

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

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil  $\leq$  30 kg or  $\leq$  250 m, otherwise drum

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

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.

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

Last Update (21.09.2017)  
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 Product Management [www.lappkabel.de](http://www.lappkabel.de)  
 You can find the current technical data in the corresponding data sheet.  
 PN 0456 / 02\_03\_16

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)
1123069	4 G 1	6.6	38.4
1123070	4 X 1	6.6	38.4
1123071	5 G 1	7.3	48
1123072	5 X 1	7.3	48
1123074	7 G 1	8.1	67.2
1123075	7 X 1	8.1	67.2
1123076	8 G 1	9.7	76.8
1123078	10 G 1	10.4	96
1123080	12 G 1	10.7	115.2
1123081	12 X 1	10.7	115.2
1123083	16 G 1	12.1	153.6
1123084	18 G 1	12.9	172.8
1123090	25 G 1	15	240
1123094	34 G 1	17.5	326.4
1123106	2 X 1.5	6.4	28.8
1123107	3 G 1.5	6.8	43.2
1123108	3 X 1.5	6.8	43.2
1123109	4 G 1.5	7.4	57.6
1123110	4 X 1.5	7.4	57.6
1123111	5 G 1.5	8.3	72
1123112	5 X 1.5	8.3	72
1123114	7 G 1.5	9	100.8
1123115	7 X 1.5	9	100.8
1123116	8 G 1.5	10.8	115.2
1123118	10 G 1.5	11.8	144
1123120	12 G 1.5	12.2	172.8
1123124	18 G 1.5	14.6	259.2
1123128	25 G 1.5	17.2	360
1123130	34 G 1.5	19.8	489.6
1123139	2 X 2.5	7.6	48
1123140	3 G 2.5	8.3	72
1123142	4 G 2.5	9	96
1123144	5 G 2.5	10.1	120
1123146	7 G 2.5	11.2	168

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)
1123149	12 G 2.5	15.1	288
1123151	18 G 2.5	18	432
1123153	25 G 2.5	21.1	600
1123159	3 G 4	9.8	115.2
1123160	4 G 4	10.8	153.6
1123161	5 G 4	12.1	192
1123162	7 G 4	13.4	268.8
1123166	3 G 6	11.7	172.8
1123167	4 G 6	13	230.4
1123168	5 G 6	14.5	288
1123169	7 G 6	16	403.2
1123172	4 G 10	16.2	384
1123173	5 G 10	18.1	480
1123177	4 G 16	18.8	614.4
1123178	5 G 16	21.2	768
1123181	4 G 25	23.5	960
1123182	5 G 25	26.4	1200
1123185	4 G 35	26.6	1344

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