

ÖLFLEX® 120 H

Halogen-free cold-resistant control cable



Halogen-free



Cold-resistant

Info

Flexible at temperatures down to -25 °C

Other sizes on request

Application range

Public buildings

Airport, railway station

Plant engineering

Industrial machinery

Heating and air-conditioning systems

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

Product Make-up

Fine-wire strand made of bare copper wires

Core insulation: Halogen-free

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

Norm references / Approvals

Based on EN 50525-2-51

Product features

Flame-retardant according to IEC 60332-1-2

(flame spread on a single cable)

Halogen-free according to IEC 60754-1

(amount of halogen acid gas)

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

Flexible down to -25°C

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Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
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:	U ₀ /U: 300/500 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 Fixed installation: -40°C to +70°C

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

Packaging size: coil ≤ 30 kg or ≤ 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.

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Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 120 H U ₀ /U: 300/500 V				
1021902	2 X 1,5	6,3	29.0	63
1021303	3 G 1,5	6,7	43.0	79
1021304	4 G 1,5	7,2	58.0	98
1021305	5 G 1,5	8,1	72.0	120
1021307	7 G 1,5	8,9	101.0	158
1021312	12 G 1,5	12.0	173.0	265
1021318	18 G 1,5	14,4	259.0	388
1021325	25 G 1,5	16,9	360.0	535
1021403	3 G 2,5	8,1	72.0	124
1021404	4 G 2,5	8,9	96.0	154
1021405	5 G 2,5	10.0	120.0	189
1021407	7 G 2,5	11,1	168.0	254
1021412	12 G 2,5	14,8	288.0	425
1021504	4 G 4	10,8	154.0	236
1021604	4 G 6	13.0	230.0	350