

ÖLFLEX® 110 CNOMO

The new Control Cable with CNOMO Approval
Especially suitable for applications in the French Automotive Industry.

CNOMO
Approval
E03.40.150.N

= LAPP FRANCE ÖLFLEX® CLASSIC 110 CNOMO

Application ÖLFLEX® 110 CNOMO

- Control and connection cable especially suitable for applications in the French Automotive industry.
- Mainly in dry, damp or wet interiors under medium mechanical load conditions
- Outdoor use with UV-protection only, considering the temperature range
- For free, non-continuously recurring movement application without tensile load or compulsory guidance as well as for fixed installation

Areas of application:

- French Automotive Industry
- Machine engineering
- Plant engineering and construction
- Paint-spray lines
- Air conditioning installations
- Power station

Advantage

- VDE certificate with production monitoring
- Optimised small outer diameters redound to reduced space requirements
- The 4 kV Test Voltage ensures high insulation performance
- Largely resistant to oil and chemicals
- Manufactured free of substances harmful to lacquer (silicone free) and therefore suitable for use in paint shops

Worth knowing Accessories

- SKINTOP® and SKINDICHT® Cable Glands
 - SILVYN® Cable Conduit Systems
 - FLEXIMARK® Cable Marking
 - For cable processing products see "Cable Accessories"
- ### Comparable products:
- For cables with coloured cores in accordance with VDE 0293-308, see ÖLFLEX® CLASSIC 100 range
 - Cables for continuous movement application see table A2 "Highly Flexible FD Cables"


Technical notes:


- Flame-retardant acc. to IEC 60332-1-2
- Further technical information see catalogue appendix: Selection Tables (A) and Technical Tables (T)


Cable Make-up


- Finely stranded bare copper wires
- Core insulation made of LAPP PVC Compound P8/1 suitable with the electrical and mechanical requirements of the CNOMO organism.
- Black cores with white numbers
- Cores twisted in layers
- Special PVC-based outer sheath compound
- Sheath colour RAL 7001 (silver grey)


Technical Data


 Core identification code
Black cores with white numbers
acc. to VDE 0293


 Specific insulation resistance
> 20 GOhm x cm


 Conductor stranding
Fine wire acc. to:
VDE 0295 Cl.5
IEC 60228 Cl.5

 Minimum bending radius
Flexing:
15 x cable diameter
Static:
4 x cable diameter

 Rated voltage
 U_0/U : 300/500 V

 Test voltage
4000 V

 Protective conductor
G = with green/yellow protective
conductor
X = without protective conductor

 Temperature range
Flexible application:
-5°C to +70°C
Fixed installation:
-40°C to +80°C
During installation:
-5°C to +70°C

 Approval
Acc. to CNOMO E03.40.150.N

Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper weight kg/km	Weight kg/km approx.	Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper weight kg/km	Weight kg/km approx.
0011800	2 X 0,5	4,8	10,0	35	0011820	2 X 0,75	5,4	14,4	45
0011801	3 G 0,5	5,1	15,0	42	0011821	3 G 0,75	5,7	21,6	55
0011802	4 G 0,5	5,7	19,2	54	0011822	4 G 0,75	6,2	28,8	66
0011803	5 G 0,5	6,2	24,0	63	0011823	5 G 0,75	6,7	36,0	79
0011804	7 G 0,5	6,7	33,6	81	0011824	7 G 0,75	7,3	50,0	101
0011812	10 G 0,5	8,6	48,0	116	0011825	10 G 0,75	9,6	72,0	171
0011805	12 G 0,5	8,9	58,0	131	0011826	12 G 0,75	9,9	86,0	171
0011806	18 G 0,5	10,5	86,4	188	0011827	18 G 0,75	11,7	130,0	244
0011807	25 G 0,5	12,4	120,0	261	0011828	19 G 0,75	11,7	130,0	244
0011808	34 G 0,5	14,5	168,0	256	0011829	25 G 0,75	13,8	180,0	337
0011809	41 G 0,5	15,4	192,0	400	0011830	27 G 0,75	14,2	187,2	350
0011810	50 G 0,5	17,3	250,0	517	0011831	34 G 0,75	15,9	245,0	448
0011811	61 G 0,5	18,5	293,0	603					
0011813	65 G 0,5	19,6	312,0	644					

No cutting surcharges for original designs (50, 100, 250, 500, 1000 m)
G = with green/yellow protective conductor
X = without protective conductor

CNOMO
Approval
E03.40.150.N

The new Control Cable with CNOMO Approval
Especially suitable for applications in the French Automotive Industry.

Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper weight kg/km	Weight kg/km approx.	Part number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper weight kg/km	Weight kg/km approx.
0011832	41 G 0,75	17,4	296,0	538	0011873	50 G 1,5	23,5	734,0	1061
0011833	50 G 0,75	19,2	360,0	648	0011874	61 G 1,5	25,2	878,0	1309
0011834	61 G 0,75	20,5	439,0	779					
					0011880	2 X 2,5	7,5	48,0	101
0011840	2 X 1,0	5,7	19,2	53	0011881	3 G 2,5	8,1	72,0	132
0011841	3 G 1,0	6,0	28,8	65	0011882	4 G 2,5	8,9	96,0	163
0011842	4 G 1,0	6,5	38,4	79	0011883	5 G 2,5	10,0	120,0	200
0011843	5 G 1,0	7,1	48,0	94	0011884	7 G 2,5	11,1	168,0	267
0011844	7 G 1,0	8,0	67,0	126	0011885	12 G 2,5	14,8	288,0	445
0011845	12 G 1,0	10,5	115,0	205	0011886	18 G 2,5	17,8	432,0	648
0011846	18 G 1,0	12,7	173,0	300	0011887	25 G 2,5	20,8	600,0	890
0011847	19 G 1,0	13,4	192,0	320	0011888	34 G 2,5	24,4	816,0	1208
0011848	25 G 1,0	14,7	240,0	408	0011889	50 G 2,5	29,4	1200,0	1754
0011849	27 G 1,0	15,1	249,0	424	0011890	61 G 2,5	34,5	1600,0	2300
0011850	34 G 1,0	17,1	326,0	551					
0011851	37 G 1,0	17,4	346,0	578	0011891	3 G 4,0	9,9	115,0	201
0011852	41 G 1,0	18,8	394,0	661	0011892	4 G 4,0	10,8	154,0	249
0011853	50 G 1,0	20,6	480,0	797	0011893	5 G 4,0	12,1	192,0	305
0011854	61 G 1,0	22,1	586,0	958	0011894	6 G 4,0	12,5	230,0	360
0011855	65 G 1,0	23,6	624,0	1033	0011895	7 G 4,0	13,4	269,0	407
					0011896	11 G 4,0	28,3	960,0	1560
0011861	3 G 1,5	6,7	43,0	84					
0011862	4 G 1,5	7,2	58,0	104	0011897	3 G 6,0	11,7	172,8	289
0011863	5 G 1,5	8,1	72,0	128	0011898	4 G 6,0	13,0	230,0	365
0011864	7 G 1,5	8,9	101,0	166	0011899	5 G 6,0	14,5	288,0	447
0011865	12 G 1,5	12,0	173,0	279	0011900	7 G 6,0	16,0	403,0	600
0011866	18 G 1,5	14,4	259,0	407	0011901	10 G 6,0	19,0	590,0	800
0011867	19 G 1,5	14,4	259,0	407					
0011868	25 G 1,5	16,9	360,0	560	0011902	3 G 10,0	14,6	288,0	466
0011869	27 G 1,5	17,3	374,4	582	0011903	4 G 10,0	16,2	384,0	590
0011870	34 G 1,5	19,4	490,0	746	0011904	5 G 10,0	18,1	480,0	722
0011871	37 G 1,5	20,0	480,0	720	0011905	7 G 10,0	20,0	672,0	968
0011872	41 G 1,5	21,3	591,0	895					

No cutting surcharges for original designs (50, 100, 250, 500, 1000 m)
G = with green/yellow protective conductor
X = without protective conductor