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ÖLFLEX® CLASSIC 110

Info

- **VDE certificate of conformity with factory surveillance**

Benefits

- Space-saving installation due to small cable diameters
- High electrical performance due to 4kV test voltage

Application range

- Plant engineering and construction
  Industrial machinery
  Air conditioning installations
  Power station
- Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load
- Dry or damp interiors under medium mechanical load conditions

Product features

- Flame-retardant acc. to IEC 60332-1-2
- Good chemical resistance table T1 appendix

Approvals (Norm references)

CE VDE RoHS

Product Make-up

- Fine strands of bare copper wires
- PVC insulation LAPP P8/1
- Cores twisted in layers
- PVC outer sheath, grey (RAL 7001)

Technical data

Core identification code
black with white numbers acc. to VDE 0293

Specific insulation resistance
> 20 GOhm x cm

Conductor stranding
fine wire acc. to
VDE 0295 Kl.5 / IEC 60228 Cl.5

Minimum bending radius
occasional flexing: 15 x cable diameter
fixed installation: 4 x cable diameter

Rated voltage
U_0/U: 300/500 V

Test voltage
4000 V

Protective conductor
G = with protective conductor GN/YE
X = without protective conductor

Range of temperature
occasional flexing: -5 °C to +70 °C
fixed installation: -40 °C to +80 °C

VDE-tested
VDE Reg. No. 7030 for sizes
up to and including 60 cores

Part number	Number of cores and mm² per conductor	Available as standard length only (•)	Standard lengths, meter							Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
			25	50	100	200	300	500	1000			
ÖLFLEX® CLASSIC 110; U0/U: 300/500 V												
1119752	2 X 0.5	•			100	200	300	500	1000	4.8	9.6	35
1119003	3 G 0.5	•			100	200	300	500	1000	5.1	14.4	42
1119753	3 X 0.5	•			100	200	300	500	1000	5.1	14.4	42
1119004	4 G 0.5	•			100	200	300	500	1000	5.7	19.2	54
1119754	4 X 0.5	•			100	200	300	500	1000	5.7	19.2	54
1119005	5 G 0.5	•			100	200	300	500	1000	6.2	24.0	63
1119755	5 X 0.5	•			100	200	300	500	1000	6.2	24.0	63
1119007	7 G 0.5	•		50	100	200	300	500	1000	6.7	33.6	81
1119757	7 X 0.5	•		50	100	200	300	500	1000	6.7	33.6	81
1119010	10 G 0.5	•		50	100	200	300	500	1000	8.6	48.0	116
1119012	12 G 0.5	•		50	100	200	300	500	1000	8.9	58.0	131
1119014	14 G 0.5			50	100			500	1000	9.5	67.0	153
1119018	18 G 0.5			50	100			500	1000	10.5	86.4	188
1119021	21 G 0.5			50	100			500	1000	11.7	101.0	221
1119025	25 G 0.5			50	100			500	1000	12.4	120.0	261
1119030	30 G 0.5			50	100			500	1000	13.3	144.0	304
1119035	35 G 0.5			50	100			500	1000	14.5	168.0	256
1119040	40 G 0.5			50	100			500	1000	15.4	192.0	400
1119052	52 G 0.5			50	100			500		17.3	250.0	517
1119061	61 G 0.5			50	100			500		18.5	293.0	603
1119065	65 G 0.5			50	100			500		19.6	312.0	644
1119080	80 G 0.5			50	100			500		21.1	384.0	780
1119100	100 G 0.5			50	100			500		23.6	480.0	975
1119802	2 X 0.75	•			100	200	300	500	1000	5.4	14.4	45
1119103	3 G 0.75	•			100	200	300	500	1000	5.7	21.6	55
1119803	3 X 0.75	•			100	200	300	500	1000	5.7	21.6	55
1119104	4 G 0.75	•			100	200	300	500	1000	6.2	28.8	66
1119804	4 X 0.75	•			100	200	300	500	1000	6.2	28.8	66
1119105	5 G 0.75	•		50	100	200	300	500	1000	6.7	36.0	79
1119805	5 X 0.75	•		50	100	200	300	500	1000	6.7	36.0	79
1119107	7 G 0.75	•		50	100	200	300	500	1000	7.3	50.0	101
1119807	7 X 0.75	•		50	100	200	300	500	1000	7.3	50.0	101
1119109	9 G 0.75	•		50	100	200	300	500	1000	9.4	65.0	137
1119110	10 G 0.75	•		50	100	200	300	500	1000	9.6	72.0	150
1119112	12 G 0.75	•		50	100	200	300	500	1000	9.9	86.0	171
1119812	12 X 0.75	•		50	100	200	300	500	1000	9.9	86.0	171
1119115	15 G 0.75			50	100			500	1000	10.9	108.0	209
1119117	15 X 0.75			50	100			500	1000	10.9	108.0	209
1119116	16 G 0.75			50	100			500	1000	11.1	115.2	220
1119118	18 G 0.75			50	100			500	1000	11.7	130.0	244
1119121	21 G 0.75			50	100			500	1000	13.0	151.0	286
1119125	25 G 0.75			50	100			500	1000	13.8	180.0	337
1119126	26 G 0.75			50	100			500	1000	14.2	187.2	350
1119134	34 G 0.75			50	100			500	1000	15.9	245.0	448
1119141	41 G 0.75			50	100			500	1000	17.4	296.0	538
1119150	50 G 0.75			50	100			500		19.2	360.0	648
1119151	51 G 0.75			50	100			500		19.2	367.0	646
1119161	61 G 0.75			50	100			500		20.5	439.0	779
1119165	65 G 0.75			50	100			500		21.8	468.0	832
1119180	80 G 0.75			50	100			500		23.6	576.0	1,019
1119200	100 G 0.75			50	100			500		26.4	718.0	1,271
1119852	2 X 1	•			100	200	300	500	1000	5.7	19.2	53
1119203	3 G 1	•			100	200	300	500	1000	6.0	28.8	65
1119853	3 X 1	•			100	200	300	500	1000	6.0	28.8	65