

DEVlaqua™ 9T - 230 V/400V/ Special order

Product
is covered
by EPD*



The DEVlaqua™ 9T is a light blue, high-quality, round, series resistive, full screened, twin conductor heating cable with a tough outer sheath and with a special ¾" and 1" pipe fitting. It is approved

for use in contact with drinking water up to 23 °C.

Heating cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

The DEVlaqua™ 9T is a heating cable developed for being installed inside drinking water pipes with the purpose to prevent frozen pipes (not for keeping water hot in pipes).

The heating cable is supplied in ready-made lengths with a ¾" and 1" fitting to establish a water tight entrance for the

heating cable into the drinking water pipe. It is equipped with a UV stable cold lead with solid conductors ensuring fast installation with a clearly visible connection.

Note! DEVlaqua™ 9T is only for use when installed in a pipe and only when fully covered by water. DEVlaqua™ 9T is only intended for being used for drinking water with max. temperature 23 °C.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Benefits:

- Frost protection inside water pipes
- Approved for drinking water
- GDV certificate
- Readymade with cold tail
- Wide range up to 417 m
- ¾" and 1" pipe fitting
- Power supply 230 & 400 V
- Safe and robust
- Long life-time

Standard compliance:

- IEC 60800:2009

Compliance symbols:



Type	Value
Nominal voltage	230 or 400 V~
Construction	Round, series resistive, twin conductor with 360° screen, with stainless steel fitting ¾" and 1" pipe fitting, one cold lead
Output:	
• Ready-made	9 W/m
• Special order, max	15 W/m
Max. water pressure	10 Bar
Max. water temperature	23 °C
Cable dimensions	Ø 7 mm
Deformation strength	600 N
Pulling strength	600 N
Conductor insulation	XLPE
Outer sheath	Light blue, MDPE
Screen	Alu-foil 100% coverage + 0,5 mm ² tinned copper drain wire
Cold lead	2,3 m, 3G 1,5mm ² , DTCL, UV-resistant
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP Class	IPX7
Max. torque for pipe fitting	30 Nm

Types: DEVlaqua™ 9T - 230 V



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Item no.	Cable length	Output @ 230 V~	Resistance *	Cold lead	EAN no.
140F0000	3 m	25 W	2116,0 Ω	3 x 1,5 mm ²	5703466201534
140F0001	5 m	45 W	1175,0 Ω	3 x 1,5 mm ²	5703466201541
140F0002	7 m	65 W	812,0 Ω	3 x 1,5 mm ²	5703466201558
140F0003	10 m	90 W	587,8 Ω	3 x 1,5 mm ²	5703466201565
140F0004	12 m	110 W	480,0 Ω	3 x 1,5 mm ²	5703466201572
140F0005	15 m	135 W	391,5 Ω	3 x 1,5 mm ²	5703466201589
140F0006	20 m	180 W	293,9 Ω	3 x 1,5 mm ²	5703466201596
140F0007	25 m	225 W	235,1 Ω	3 x 1,5 mm ²	5703466201602
140F0008	30 m	270 W	195,0 Ω	3 x 1,5 mm ²	5703466201619
140F0009	35 m	315 W	167,9 Ω	3 x 1,5 mm ²	5703466201626
140F0010	40 m	360 W	146,8 Ω	3 x 1,5 mm ²	5703466201633

Types: DEVlaqua™ 9T - 230 V

Item no.	Cable length	Output @ 230 V~	Resistance *	Cold lead	EAN no.
140F0011	50 m	450 W	117,5 Ω	3 x 1,5 mm ²	5703466201640
140F0012	60 m	540 W	97,8 Ω	3 x 1,5 mm ²	5703466201657
140F0013	70 m	630 W	84,0 Ω	3 x 1,5 mm ²	5703466201664
140F0014	80 m	720 W	73,4 Ω	3 x 1,5 mm ²	5703466201671
140F0015	90 m	810 W	65,3 Ω	3 x 1,5 mm ²	5703466201688
140F0016	100 m	900 W	58,7 Ω	3 x 1,5 mm ²	5703466201695
140F0017	110 m	990 W	53,4 Ω	3 x 1,5 mm ²	5703466201701
140F0018	120 m	1080 W	49,0 Ω	3 x 1,5 mm ²	5703466201718
140F0019	130 m	1170 W	45,2 Ω	3 x 1,5 mm ²	5703466201725
140F0020	140 m	1260 W	42,0 Ω	3 x 1,5 mm ²	5703466201732
140F0021	150 m	1350 W	39,2 Ω	3 x 1,5 mm ²	5703466201749
140F0022	157 m	1405 W	37,7 Ω	3 x 1,5 mm ²	5703466249345
140F0023	167 m	1510 W	35,1 Ω	3 x 1,5 mm ²	5703466249352
140F0024	187 m	1695 W	31,2 Ω	3 x 1,5 mm ²	5703466249369
140F0025	210 m	1895 W	27,9 Ω	3 x 1,5 mm ²	5703466249376
140F0026	219 m	1965 W	26,9 Ω	3 x 1,5 mm ²	5703466249383
140F0027	240 m	2160 W	24,5 Ω	3 x 1,5 mm ²	5703466249390

*The ohmic resistance must be within -5 to +10 % of the value labeled

Types: DEVlaqua™ 9T - 400 V

Item no.	Cable length	Output @ 400 V~	Resistance *	Cold lead	EAN no.
140F0030	272 m	2450 W	65,3 Ω	3 x 1,5 mm ²	5703466249406
140F0031	290 m	2625 W	60,9 Ω	3 x 1,5 mm ²	5703466249413
140F0032	326 m	2940 W	54,4 Ω	3 x 1,5 mm ²	5703466249420
140F0033	366 m	3285 W	48,7 Ω	3 x 1,5 mm ²	5703466249437
140F0034	380 m	3425 W	46,7 Ω	3 x 1,5 mm ²	5703466249444
140F0035	417 m	3760 W	42,5 Ω	3 x 1,5 mm ²	5703466249451

*The ohmic resistance must be within -5 to +10 % of the value labeled

Types: DEVlaqua™ Special Order ¹⁾

Item no.	Output	Cable length	Resistance	EAN no.
140F9997	max 15 W/m	-	-	5703466212820

1) When making DEVlaqua™ Special Order, 3 points from the table below should be considered: 230 V or 400 V, W/m and Length.

Possible cable lengths for Special Order with output from 10 W/m to 15 W/m

230 V						400 V						Reference data for Special Order		
W/m						W/m								
10	11	12	13	14	15	10	11	12	13	14	15	Item. no.	Description	Ohm/m
Calculated length, m*						Calculated length, m*								
2,7	3	2,5	2	2,3	2	5	4,5	4,3	4,2	4	3,9	140F0000	DEVlaqua™ 9T, 230 V, 3 m	705
4,7	5	4,3	4	4	4	8	7,9	7,5	7,2	7	6,7	140F0001	DEVlaqua™ 9T, 230 V, 5 m	235
6,8	6	6,2	6	5,7	6	12	11,2	10,7	10,3	9,9	9,6	140F0002	DEVlaqua™ 9T, 230 V, 7 m	116
9,5	9	8,7	8	8	8	17	15,7	15,1	14,5	13,9	13,5	140F0003	DEVlaqua™ 9T, 230 V, 10 m	58,8
11,5	11	10,5	10	9,7	9	20	19,1	18,3	17,5	16,9	16,3	140F0004	DEVlaqua™ 9T, 230 V, 12 m	40
14,2	14	13	13	12	12	25	24	23	22	21	20	140F0005	DEVlaqua™ 9T, 230 V, 15 m	26,1
19	18	17,3	17	16	16	33	31	30	29	28	27	140F0006	DEVlaqua™ 9T, 230 V, 20 m	14,7
24	23	22	21	20	19	41	39	38	36	35	34	140F0007	DEVlaqua™ 9T, 230 V, 25 m	9,4
29	27	26	25	24	23	50	47	45	44	42	41	140F0008	DEVlaqua™ 9T, 230 V, 30 m	6,5
33	32	30	29	28	27	58	55	53	51	49	47	140F0009	DEVlaqua™ 9T, 230 V, 35 m	4,8
38	36	35	33	32	31	66	63	60	58	56	54	140F0010	DEVlaqua™ 9T, 230 V, 40 m	3,67
47	45	43	42	40	39	83	79	75	72	70	67	140F0011	DEVlaqua™ 9T, 230 V, 50 m	2,35
57	54	52	50	48	47	99	94	90	87	84	81	140F0012	DEVlaqua™ 9T, 230 V, 60 m	1,63
66	63	61	58	56	54	115	110	105	101	98	94	140F0013	DEVlaqua™ 9T, 230 V, 70 m	1,2
76	72	69	67	64	62	132	126	121	116	112	108	140F0014	DEVlaqua™ 9T, 230 V, 80 m	0,918
85	81	78	75	72	70	149	142	136	130	126	121	140F0015	DEVlaqua™ 9T, 230 V, 90 m	0,725
95	90	87	83	80	77	165	157	151	145	139	135	140F0016	DEVlaqua™ 9T, 230 V, 100 m	0,588
104	100	95	92	88	85	182	173	166	159	154	148	140F0017	DEVlaqua™ 9T, 230 V, 110 m	0,485
114	109	104	100	96	93	198	189	181	174	167	162	140F0018	DEVlaqua™ 9T, 230 V, 120 m	0,408
123	118	113	108	104	101	214	204	196	188	181	175	140F0019	DEVlaqua™ 9T, 230 V, 130 m	0,348
133	127	121	116	112	108	231	220	211	203	195	189	140F0020	DEVlaqua™ 9T, 230 V, 140 m	0,3
142	136	130	125	120	116	248	236	226	217	209	202	140F0021	DEVlaqua™ 9T, 230 V, 150 m	0,261
148	142	136	130	125	121	258	246	236	226	218	211	140F0022	DEVlaqua™ 9T, 230 V, 157 m	0,24
159	151	145	139	134	130	276	263	252	242	233	225	140F0023	DEVlaqua™ 9T, 230 V, 167 m	0,21
178	170	162	156	150	145	310	295	283	271	262	253	140F0024	DEVlaqua™ 9T, 230 V, 187 m	0,167
199	190	182	175	169	163	347	331	317	304	293	283	140F0025	DEVlaqua™ 9T, 230 V, 210 m	0,133
207	198	189	182	175	169	361	344	329	316	305	294	140F0026	DEVlaqua™ 9T, 230 V, 219 m	0,123
228	217	208	200	192	186	396	378	362	347	335	323	140F0027	DEVlaqua™ 9T, 230 V, 240 m	0,102