

DEVpipeheat™ 10 V3



The DEVpipeheat™ 10 V3 is a self-limiting heating cable that is used for frost protection of pipes.

The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature.

A new self-limiting cable can be installed inside and outside water pipes. It is suitable for drinking and common water pipes and is designed to be installed on pipe in all countries and inside pipe in certified countries (DK, FI, SE, NO, RU). The product range: cable on drum, cut-to-length, ready-made cable with cold lead.

The product range: drum cable and cable with cold lead mains plug. All self-limiting heating cables must be over-temperature protected by a thermostat, as the output will decrease, but never be zero, and be protected by a RCD with a maximum trip current of 30 mA.

Note 1: It is the full responsibility of the installer/designer to use proper cold lead dimensioned for the purpose and assembly sets that establish sufficient mechanical strength, flammability resistance and water tightness - and to design the heating unit with correct output for the specific application to avoid overheating of the cable or building materials.

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

Benefits:

- Cut to length on site
- Ready-made lengths
- Small cable size
- Inside and outside pipe installation
- Installation inside drinking water pipes

Standard compliance:

- IEC 60335-1:2012
- IEC 60800:2009

Compliance symbols:



Type	Value
Nominal voltage	230 V~
Nominal output (tolerance)	10 W/m @ 10 °C (7,5-13,5 W/m @ 10 °C)
Max. permissible use temperature, powered	65 °C
Max. permissible use temperature, unpowered	65 °C
Minimum installation temperature	- 5 °C
Max. water temperature (inside water pipe installation)	23 °C
Max. water pressure (inside water pipe installation)	10 bar
Heating cable dimensions	8,75 × 5,15 mm
Outer sheath	HDPE + blue PVDF
Minimum Screen Coverage	100% aluminium foil
Maximum resistance protective braid	36 Ω/Km
Bending Ø, min.	50 mm (inside of the cable)
Cold lead with plug	2 m, 3 × 0,75 mm ²
IP Class for ready made unit	IP67
IP Class for heating part and end termination	IP68

Types: DEVpipeheat™ 10 V3 Drum Goods

Item no.	Length	Min-max length per drum	Number of length allowed on drum, max	Nominal output @ 10 °C	EAN no.
98300007	Drum, 100 m	100 m	1	10 W/m	5703466249758
98300008	Drum, 300 m	300 m	1	10 W/m	5703466249765
98300009	Drum, 1000 m	1000 m	1	10 W/m	5703466249772
98300012	Cut-to-length	1 – 1000 m	1, max. 1000 m	10 W/m	5703466249789

Types: Ready-made DEVIpipeline™ 10 V3 with Schuko plug

Item no.	Length	Nominal output @ 10 °C	Cold lead	EAN no.
140F0921	2 m	20 W	2 m	5703466249796
140F0922	4 m	40 W	2 m	5703466249802
140F0923	6 m	60 W	2 m	5703466249819
140F0924	8 m	80 W	2 m	5703466249826
140F0925	10 m	100 W	2 m	5703466249833
140F0926	12 m	120 W	2 m	5703466249840
140F0927	14 m	140 W	2 m	5703466249857
140F0928	16 m	160 W	2 m	5703466249864
140F0929	19 m	190 W	2 m	5703466249871
140F0930	22 m	220 W	2 m	5703466249888
140F0931	25 m	250 W	2 m	5703466249895

Types: Ready-made DEVIpipeline™ 10 V3 with Danish plug

Item no.	Length	Nominal output @ 10 °C	Cold lead	EAN no.
140F0932	2 m	20 W	2 m	5703466249901
140F0933	4 m	40 W	2 m	5703466249918
140F0934	6 m	60 W	2 m	5703466249925
140F0935	8 m	80 W	2 m	5703466249932
140F0936	10 m	100 W	2 m	5703466249949
140F0937	12 m	120 W	2 m	5703466249956
140F0938	14 m	140 W	2 m	5703466249963
140F0939	16 m	160 W	2 m	5703466249970
140F0940	19 m	190 W	2 m	5703466249987
140F0941	22 m	220 W	2 m	5703466249994
140F0942	25 m	250 W	2 m	5703466250006

Pipe fitting

Item no.	EAN no.	Name	Description
140F0956	5703466250037	3/4"+1" Pipe Fitting DEVIpipeline™ 10 V3	Wadding for Internal mounting In pipe for DEVIpipeline™ 10 V3 Stainless steel pipe fitting and nut. Rubber conic sliced sleeve, oval hole. Max. water pressure - 10 Bar at max. water temperature 23 °C

**Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic**

Switch on temperature	DEVIpipeline™ 10 V3	
	10 A	
	on pipe	in pipe
10 °C	100 m	60
0 °C	96 m	-
-20 °C	77 m	-

Power output characteristic

Output of heating cable installed and measured on a pipe.

W/m

