

# DEVpipeheat™ 10 V2



The DEVpipeheat™ 10 V2 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.

The heating cables can be installed outside water pipes. The product range: drum cable, cable with cold lead without mains plug and cable with cold lead mains plug.

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:** The cable is not approved for installation inside the water pipe and for use in contact with drinking water or water for human consumption, waste water, etc.

**Note 2:** 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.

## Benefits:

- Cut to length on site
- Ready-made lengths
- Small cable size

## Standard compliance:

- IEC 60335-1:2012

## Compliance symbols:



Type	Value
Nominal voltage	230 V~
Nominal output (min-max):	10 W/m @ 10 °C (8,5-13,5 W/m @ 10 °C)
Max. permissible use temperature, powered	65 °C
Max. permissible use temperature, unpowered	65 °C
Minimum installation temperature	- 5 °C
Heating cable dimensions	7,8 x 5,3 mm
Outer sheath	Blue, TPE
Minimum Screen Coverage	100% aluminium foil
Maximum resistance protective braid	18,2 Ω/Km
Bending radius, min.	25 mm (inside of the cable)
Cold lead with plug	2 m, 3 x 0,75 mm <sup>2</sup> , types: with Schuko plug
IP Class for ready made unit	IP67
IP Class for heating part and end termination	IP68

## Types: DEVpipeheat™ 10 V2 Drum Goods

Item no.	Length	Min-max length per drum	Number of length allowed on drum, max	Nominal output @ 10 °C	EAN no.
98300016	Drum, 100 m	100 m	1	10 W/m	5703466217771
98300015	Drum, 300 m	300 m	1	10 W/m	5703466217764
98300017	Drum, 1000 m	1000 m	1	10 W/m	5703466217788
98300019	Cut-to-length	1 – 1000 m	1, max. 1000 m	10 W/m	5703466217801

**Types: Ready-made DEVIpipeline™ 10 V2 with Schuko plug**

Item no.	Length	Nominal output @ 10 °C	Cold lead	EAN no.
98300071	2 m	20 W	2 m	5703466217924
98300072	4 m	40 W	2 m	5703466217931
98300073	6 m	60 W	2 m	5703466217948
98300074	8 m	80 W	2 m	5703466217955
98300075	10 m	100 W	2 m	5703466217962
98300076	12 m	120 W	2 m	5703466217979
98300077	14 m	140 W	2 m	5703466217986
98300078	16 m	160 W	2 m	5703466217993
98300079	19 m	190 W	2 m	5703466218006
98300080	22 m	220 W	2 m	5703466218013
98300081	25 m	250 W	2 m	5703466218020

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

Switch on temperature	DEVIpipeline™ 10 V2	
	10 A	16 A
10 °C	100 m	-
0 °C	96 m	-
-20 °C	77 m	-

**Power output characteristic**

Output of heating cable installed and measured on a pipe.

