



Hemstedt HEM-SYSTEM®

sleeveless

- Direct from the manufacturer
- Factory tested
- 100 % waterproof
- Sleeveless
- Plug-in
- 100 % electrical safety
- VDE approved
- With one connector

With the HEM-SYSTEM®, the cold-heat exchange is sleeveless. The heat shrink tube used overcomes known installation problems. This simplifies the work for the electrician, insulator or pipe installer considerably!

The seamless sleeve transfer is absolutely waterproof, and therefore ideal for installations requiring moisture proofing. Another benefit: The insulation sleeve is thoroughly chemical and high-temperature resistant.



Hemstedt GmbH is one of the 100 most innovative medium-sized companies in Germany. It was convincing in the renowned "Top 100 Innovators" comparison of companies with its systematic, well-conceived and correspondingly successful innovation management, and in 2008 was awarded the desirable "Top 100" seal of quality. In the area of "innovation-supporting top management", the company even succeeded in jumping up the rankings to 7th place. In this category, therefore, Hemstedt® is now one of the 7 most innovative medium-sized companies in Germany.



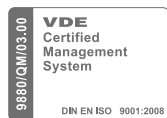
Made in Germany: Innovation and quality

Hemstedt GmbH is the successful specialist and reliable OEM partner for innovative electric underfloor heating systems. Cold storage technology and special solutions, together with advice, project planning and development, complete the portfolio.

The well-engineered products are impressive thanks to their innovation and production safety. Consistent investment in development and in its own production site in Germany has established Hemstedt GmbH as a technology leader.



Heizleitungen
Kühlhaustechnik



Hemstedt GmbH
Schleicherweg 19
D-74336 Brackenheim
Tel: +49 (0) 7135 / 9898-0
Fax: +49 (0) 7135 / 2197
Mail: office@hemstedt.de
Web: www.hemstedt.de



BUILDING SERVICES

At + 5 °C ON
At +15 °C OFF

HEM-SYSTEM® SELF-MONITORING FROST PROTECTION HEATING ELEMENTS / HEATING ELEMENTS WITH THERMOSTAT FOR PIPING

Frost protection heating elements
with connector

The minimum of energy for the maximum in frost protection

Plug and Heat – reliably frost-proof

The HEM heating cable is conceived for heating water pipes made from metal or plastic, which are risk from frost, up to -20 °C. It is self-monitoring and prevents impermissible cooling, generally prevents frost damage and ensures a minimum temperature, e.g. when supplying drinking water to animals outside. A thermostat monitors the part of the pipe presumed to have the lowest temperature. When protection against frost is required, the heating cable is activated at +5 °C and switches off again when the temperature exceeds +15 °C. The benefit: The electrical energy requirement is automatically reduced to the necessary minimum.

Frost protection heating elements			
Length m	Volt	Performance W	Order-no.
1,00	230	10	35602-01
2,00	230	20	35602-02
3,00	230	30	35602-03
4,00	230	40	35602-04
5,00	230	50	35602-05
6,00	230	60	35602-06
7,00	230	70	35602-07
8,00	230	80	35602-08
9,00	230	90	35602-09
10,00	230	100	35602-10
12,00	230	120	35602-12
14,00	230	140	35602-14
18,00	230	180	35602-18
22,00	230	220	35602-22
24,00	230	240	35602-24
28,00	230	280	35602-28
32,00	230	320	35602-32
36,00	230	360	35602-36
48,00	230	480	35602-48
50,00	230	500	35602-50
60,00	230	600	35602-60

Other lengths on demand.

Quick to assemble Easy to use

Designed for 230 V DC current



All in one: HEM-SYSTEM® heating cable

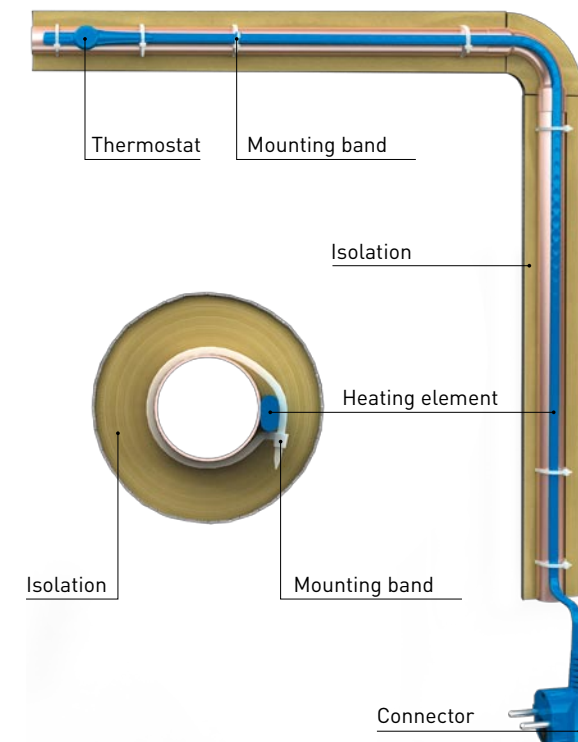
with one connector, safety-plug and thermostat.

Fitted quickly and effortlessly

The HEM-SYSTEM® heating cable is loosely fitted with slight bends, ideally along the underside of the pipe. At places requiring additional energy, such as valves, some loosely fitted coils of the heating cable provide the energy needed.

The cable is fixed in place with adhesive aluminium tape or loosely fitted, temperature-resistant plastic cable ties. Plastic pipes have to be insulated with aluminium foil first. A normal layer of insulation with a thickness of at least 20 mm not only guarantees that the heating cable works, it also considerably reduces the heating needed. Now simply plug in to be frost-proof.

Heat traced piping – The system



Technical data	
Attention! FI protective circuit required!	
Description	Typ 356 ...
Rate voltage	AC 230 V
Length	1 m – 60 m
Safety measure	Degree of protection I
Connection type	permanent network connection, earthing contact, safety plug
Regulator	+5 °C ON / +15 °C OFF
Nominal temperature	65 °C
Performance	+10 °C
Degree of protection	IPX 7