



SWEDISH TYPE APPROVAL 1747 WITH DECISION ON PRODUCTION CONTROL

Holder: Danfoss A/S

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Danfoss Self-limiting heating cable

Product description

Heating cable with outer sheath made of thermoplastic PVDF with associated fitting in stainless steel and is available in dimension 8,75 x 5,15 mm. The product can be provided with cold lead with plug, connection and end seal. The heating cable unit can also be prepared on site by field assembly with designated accessories, consisting of exactly the same parts as used for factory assembled products.

Intended use

Frost protection of water pipes, installed both inside and outside.

Scope

DEVipeheat™ 10 V3 Drum / ECpipeheat 10 V3 Drum

DEVipeheat™ 10 V3 Ready-made / ECpipeheat 10 V3 Ready-made

Veria Pipeheat 10 V3 Ready-made

Home Heating – easy&cosy pipeheating V3

Approval

The products meet the requirements of Chapter 8, Section 4, of the “Planning and Building Act” (PBA) regarding the technical characteristics of construction works, 3. Protection with regard to hygiene, health and environment, depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of “Boverket's Building Regulations” (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62
Design	6:625

Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:

Product name, and relevant article number:

Production site:

Traceability to the production:

Information about requirements or class, if relevant:

The registered trademark of Boverket No 241 217:

Certification Body:

Accreditation number:

Type Approval No:

Inspection Body:

Danfoss

Trade name and item number

Applicable manufacturer or ID code
(e.g. yyyy-mm-dd or batch number)

Cable length, etc.



Kiwa Certification AB

1913

TG 1747

Danish Technological Institute (DTI)

Kiwa Certification AB

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Production site:

1. DANFOSS A/S, 6430 Nordborg, Denmark
Storage location for ready-made units, cut to length cable and accessories.
2. DANFOSS Poland Sp. z o.o., 05-825 Grodzisk Mazowiecki, Poland.
Production of ready-made heating cable units.
3. BARTEC BENKE GmbH, 94239 Gotteszell, Germany
Production of heating cable.

Control

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **DTI**

Inspection agreement: **341, dated 03/08/2015**

Factory production control shall be carried out in accordance with the instructions for control, dated 15/10/2021.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the control instructions and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Installation Guide – Ready-made self-limiting cable DEVIpipeline™ 10 V3, dated 06/2021 by Danfoss©

The assessment basis for the approval

Test Report No: 392-200-00578901, by Eurofins DK.

Assessment Report 1172/2020, dated 15/10/2021 by Kiwa Certification AB.

Comments

The in pipe heating cable is tested and approved according to KTW guideline "Hygienic Assessment of Organic Coatings in Contact with Drinking Water" and DVGW W 270 "Microbial Enhancement on Materials to Come into Contact with Drinking Water.

Accessories included in this approval:

- Stainless steel fitting for watertight entrance into water pipe with water under pressure (3/4"+1" Pipe Fitting DEVIpipeline™ 10 V3)
- Connection set for cable connection for box (DEVICrimp for Pipeheat 10 V3 Con to box)
- Connection set for cable connection for cold lead (DEVICrimp for Pipeheat 10 V3 Con to cable)

The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.

Date of decision: 19 October 2021

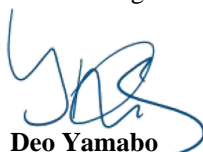
Registration number: 1172/2020

Valid until: 18 October 2026

Previous registration number:



Bengt-Olov Andin



Deo Yamabo