



CERTIFIKAT

No. 0402-MID-15 42 17

CERTIFICATE OF EC TYPE EXAMINATION

Calculator for heat meters SVM / Kamstrup / Kamstrup SVM types F2, F2HC, F25

Issued to

Kamstrup A/S, Industrivej 28, DK-8660 Skanderborg, Denmark.

In respect of (type of instrument)

Calculator for heat meters.

In accordance with

STAFS 2006:4 The Measuring Instruments Regulations and
STAFS 2006:8 The Regulations and Guidelines concerning Heat Meters
implementing in the NB's country law the Directive 2004/22/EC of 31 March 2004 on Measuring Instruments.

Applicable essential requirements

- Annex I, Essential requirements
- Annex MI-004 Heat meters

Harmonised standards and normative documents used

- OIML R 75-1 Edition 2002 (E) Heat meters, general requirements
- OIML R 75-2 Edition 2002 (E) Heat meters, type approval tests
- OIML D 11 Edition 2004 (E) General requirements for electronic measuring instruments

Further applied documents

- European Standard for heat meters, EN 1434:1997 and 2007, part 1, 2 and 4.
- WELMEC 7.2, Software Guide (Issue 2)

Rated operating conditions

| | | | |
|-----------------------------|-----------------|------------------------------------|--------------|
| Measurand: | Thermal energy | Temperature difference range: | 3 K to 120 K |
| Temperature range (max): | 0 °C to +190 °C | Mechanic environment class: | M1 |
| Climatic environment class: | +5 °C to +55 °C | Electromagnetic environment class: | E2 |

Validity and Miscellaneous

Valid until 5th September, 2018. This certificate is the 4th revised edition and replaces the 3rd edition dated February 17, 2011.

The principal characteristics, approval conditions are set out in the appendix hereto, which forms part of the approval documents and consists of 3 pages. All the plans, schematic diagrams and documentations are recorded under reference files MTvP800215 and PX10770. The evaluation report MTvP800215a has been issued in accordance with Directive 2004/22/EC Annex B paragraph 5.1 and 5.3.

Borås 15th June 2011

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