

SVENSK STANDARD

SS-EN 1434-5:2015

Fastställt/Approved: 2015-11-09
Publicerad/Published: 2015-11-19
Utgåva/Edition: 3
Språk/Language: engelska/English
ICS: 17.200.10; 27.010; 91.140.10

Värmemätare – Del 5: Provning för bedömning av överensstämmelse och verifiering

Heat meters – Part 5: Initial verification tests

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Denna standard ersätter SS-EN 1434-5:2007, utgåva 2.

The European Standard EN 1434-5:2015 has the status of a Swedish Standard. This document contains the official English version of EN 1434-5:2015.

This standard supersedes the Swedish Standard SS-EN 1434-5:2007, edition 2.

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Denna standard är framtagen av kommittén för Värmemätare, SIS/TK 407.

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EUROPEAN STANDARD

EN 1434-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2015

ICS 17.200.10

Supersedes EN 1434-5:2007

English Version

Heat meters - Part 5: Initial verification tests

Compteurs d'énergie thermique - Partie 5: Essais de
vérification primitive

Wärmezähler - Teil 5: Ersteinrichtung

This European Standard was approved by CEN on 5 September 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1434-5:2015) has been prepared by Technical Committee CEN/TC 176 “Heat meters”, the secretariat of which is held by SIS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1434-5:2007.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

EN 1434, *Heat meters* consists of the following parts:

- *Part 1: General requirements*
- *Part 2: Constructional requirements*
- *Part 3: Data exchange and interfaces¹⁾*
- *Part 4: Pattern approval tests*
- *Part 5: Initial verification tests*
- *Part 6: Installation, commissioning, operational monitoring and maintenance*

In comparison to EN 1434-5:2007, the following changes have been made:

- metrological requirements for smart metering applications are added;
- additional functionalities for smart metering applications are added;
- bath constructions are added;
- tests for cooling applications are added;
- single temperature sensor for smart metering are added;
- test for bi-functional meters for change-over between heating and cooling are added.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria,

¹⁾ EN 1434-3 is maintained by CEN/TC 294.

Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.