



SLOVENSKI STANDARD
SIST EN 1434-4:2016/oprA1:2017
01-december-2017

Toplotni števci - 4. del: Preskusi za odobritev tipa

Heat meters - Part 4: Pattern approval tests

Wärmezähler - Teil 4: Prüfungen für die Bauartzulassung

Compteurs d'énergie thermique - Partie 4 : Essais en vue de l'approbation de modèle

Ta slovenski standard je istoveten z: EN 1434-4:2015/prA1

ICS:

17.200.10 Toplota. Kalorimetrija Heat. Calorimetry

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EUROPEAN STANDARD
NORME EUROPÉENNE
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English Version

Thermal energy meters - Part 4: Pattern approval tests

Compteurs d'énergie thermique - Partie 4 : Essais en
vue de l'approbation de modèle

Wärmezähler - Teil 4: Prüfungen für die
Bauartzulassung

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 176.

This draft amendment A1, if approved, will modify the European Standard EN 1434-4:2015. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents		Page
European foreword		3
1	Modification to the English title	4
2	Modifications overall the document	4
3	Modification to subclause 7.19, “Pressure loss”	4
4	Modification to subclause 7.22, “Flow disturbances”	4
5	Modification to subclause 7.8.2.3, “Additional test”	4
6	Modification to 7.9.1, “Damp heat cyclic”	4
7	Modification to Annex ZA	4
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/32/EU aimed to be covered		5

European foreword

This document (EN 1434-4:2015/prA1:2017) has been prepared by Technical Committee CEN/TC 176 “Thermal energy meters”, the secretariat of which is held by SIS.

This document is currently submitted to the CEN Enquiry.

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.

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

EN 1434-4:2015/prA1:2017 (E)**1 Modification to the English title**

Replace the the English title with the following:

“Thermal energy meters — Part 4: Pattern approval tests”.

The German title “Wärmezähler — Teil 4: Prüfungen für die Bauartzulassung” and the French title “Compteurs d’énergie thermique — Partie 4: Essais en vue de l’approbation de modèle” remain unchanged.

2 Modifications overall the document

Overall the document, replace “heat meter” with “thermal energy meter”.

Overall the document, replace “heating/cooling meter” with “thermal energy meter”.

Overall the document, replace the reference “EN 1434-X:2015” with “EN 1434-X:2015+prA1:2017”.

3 Modification to subclause 7.19, “Pressure loss”

Replace reference “EN ISO 4064-2” with “EN ISO 4064-2:2014, D.3” and “EN ISO 4064-2:2014, D.5”.

4 Modification to subclause 7.22, “Flow disturbances”

Replace reference “EN ISO 4064-2:2014” in the 1st paragraph with “EN ISO 4064-2:2014, Annex A”.

5 Modification to subclause 7.8.2.3, “Additional test”

Replace reference “CEN/TR 16911” in the 2nd paragraph with “FprCEN/TR 16911”.

6 Modification to 7.9.1, “Damp heat cyclic”

Replace “heating/cooling meter” with “bifunctional thermal energy meter”.

7 Modification to Annex ZA

Annex ZA was aligned to the Directive 2014/32/EU (MID). Replace Annex ZA with the following: “

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2014/32/EU aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/374 (Field of measuring instruments)" to provide one voluntary means of conforming to essential requirements of Directive 2014/32/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of measuring instruments (recast) Text with EEA relevance.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2014/32/EU

Essential Requirements (ERs) of Directive 2014/32/EU	Requirements of Directive	Clause(s)/subclause(s) of this EN	Remarks/Notes
Annex I, Requirements, Definitions:	Essential		
Measurand		Scope	In scope of standard defined.
1.4.1 Basic rules for testing 1.4.2 Ambient humidity		7 "Test and Measurements"	Tests in standard meet requirements of MID.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.”.