

Heat meters —

Part 6: Installation, commissioning, operational monitoring and maintenance

The European Standard EN 1434-6:2007 has the status of a
British Standard

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National foreword

This British Standard was published by BSI. It is the UK implementation of EN 1434-6:2007. It supersedes BS EN 1434-6:1997 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee CPI/30, Measurement of fluid flow in closed conduits, to Subcommittee CPI/30/7, Volume flow-rate methods.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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Wärmezähler - Teil 6: Einbau, Inbetriebnahme, Überwachung und Wartung

This European Standard was approved by CEN on 7 January 2007.

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 Management Centre or to any CEN member.

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Foreword

This document (EN 1434-6:2007) has been prepared by Technical Committee CEN/TC 176 “Heat Meters”, the secretariat of which is held by DS.

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of an identical text or by endorsement, at the latest by August 2007, and conflicting national standards shall be withdrawn at the latest by August 2007.

This document supersedes EN 1434-6:1997.

The other parts are:

Part 1 - General requirements

Part 2 - Constructional requirements

Part 3 - Data exchange and interfaces

Part 4 - Pattern approval tests

Part 5 - Initial verification tests

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1 Scope

This European Standard specifies installation, commissioning, operational monitoring and maintenance and applies to heat meters, that is to instruments intended for measuring the heat which, in a heat-exchange circuit, is absorbed (cooling) or given up (heating) by a liquid called the heat-conveying liquid. The heat meter indicates the quantity of heat in legal units.

Electrical safety requirements are not covered by this European Standard.

Pressure safety requirements are not covered by this European Standard.

Surface mounted temperature sensors are not covered by this European Standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1434-1:2007, *Heat meters — Part 1: General requirements*

3 Terms and definitions

For the purpose of this document, the terms, definitions and symbols given in Clause 4 of EN 1434-1:2007 and the following apply.

3.1 heating system

heating installation of the dwelling or premises, including the exchange circuit, the heat meter, the associated fittings and the electrical equipment

NOTE The heating system typically commences and finishes at the two connections to the heat mains.

3.2 heat mains

heat suppliers distribution pipes to which the consumer's installation is connected

3.3 flow and return limbs

pipes connecting the heating system to the heat mains

3.4 primary circuit

circuit hydraulically connected to the heat mains

3.5 secondary circuit

circuit hydraulically separated from the primary circuit.

3.6 competent authority

persons or organizations charged with the responsibility for the heat meter and/or its installation