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Water meters for cold potable water and hot water - Part 5: Installation requirements (ISO 4064-5:2025)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

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English Version

Water meters for cold potable water and hot water - Part 5: Installation requirements (ISO 4064-5:2025)

Compteurs d'eau potable froide et d'eau chaude -
Partie 5: Exigences d'installation (ISO 4064-5:2025)

Wasserzähler zum Messen von kaltem Trinkwasser
und heißem Wasser - Teil 5: Einbaubedingungen (ISO
4064-5:2025)

This European Standard was approved by CEN on 23 September 2025.

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EN ISO 4064-5:2025 (E)

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European foreword

This document (EN ISO 4064-5:2025) has been prepared by Technical Committee ISO/TC 30 "Measurement of fluid flow in closed conduits " in collaboration with Technical Committee CEN/TC 92 "Water meters" the secretariat of which is held by SNV.

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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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

This document supersedes EN ISO 4064-5:2017.

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Endorsement notice

The text of ISO 4064-5:2025 has been approved by CEN as EN ISO 4064-5:2025 without any modification.



International Standard

ISO 4064-5

Water meters for cold potable water and hot water —

Part 5: Installation requirements

*Compteurs d'eau potable froide et d'eau chaude —
Partie 5: Exigences d'installation*

**Second edition
2025-09**

ISO 4064-5:2025(en)



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ISO 4064-5:2025(en)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 30, *Measurement of fluid flow in closed conduits*, Subcommittee SC 7, *Volume methods including water meters* and OIML Technical Subcommittee TC 8/SC 5 *Water meters*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 92, *Water meters*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition of ISO 4064-5 cancels and replaces the first edition (ISO 4064-5:2014), which has been technically revised.

The main changes are as follows:

- editorial and technical changes were done throughout the document.

A list of all parts in the ISO 4064 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Water meters for cold potable water and hot water —

Part 5: Installation requirements

1 Scope

This document applies to water meters used to meter the volume of cold potable water and hot water flowing through a fully charged, closed conduit. These water meters incorporate devices which indicate the integrated volume.

This document specifies criteria for the selection of single, combination and concentric water meters, associated fittings, installation, special requirements for meters, and the first operation of new or repaired meters to ensure accurate constant measurement and reliable reading of the meter.

In addition to meters based on mechanical principles, this document also applies to water meters based on electrical or electronic principles, and to water meters based on mechanical principles incorporating electronic devices, used to measure the volume of cold potable water and hot water. It also applies to electronic ancillary devices. Ancillary devices are optional. However, national or international regulations may make some ancillary devices mandatory in relation to the utilization of the water meter.

The recommendations of this document apply to water meters, irrespective of technology, defined as integrating measuring instruments determining the volume of water flowing through them.

NOTE Any national regulations apply in the country of use.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 4064-10IML R 49-1, , *Water meters for cold potable water and hot water — Part 1: Metrological and technical requirements*

ISO 4064-4:2024, *Water meters for cold potable water and hot water — Part 4: Non-metrological requirements not covered in ISO 4064-1*

ISO 20456, *Measurement of fluid flow in closed conduits — Guidance for the use of electromagnetic flowmeters for conductive liquids*

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