

## **Irrigation techniques - Meters for irrigation water**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14268:2005 sisaldab Euroopa standardi EN 14268:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.10.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14268:2005 consists of the English text of the European standard EN 14268:2005.</p> <p>This document is endorsed on 25.10.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This European Standard applies to meters fitted to irrigation machines and networks. These meters are used to meter the actual volume of irrigation water flowing through a fully charged, closed pipe, in order to manage consumption, and to invoice the volume of water distributed.</p>	<p><b>Scope:</b> This European Standard applies to meters fitted to irrigation machines and networks. These meters are used to meter the actual volume of irrigation water flowing through a fully charged, closed pipe, in order to manage consumption, and to invoice the volume of water distributed.</p>
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**Võtmesõnad:** measuring ranges, measuring techniques, metrology, mounting, mounting conditions, operating conditions, service water, specification (approval), specifications, testing, testing devices, valves, water, water meters, water practice, water supply, watering equipment

ICS 65.060.35

English Version

## Irrigation techniques - Meters for irrigation water

Techniques d'irrigation - Compteurs d'eau pour l'irrigation

Bewässerungsverfahren - Zähler für Bewässerungswasser

This European Standard was approved by CEN on 8 July 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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## Foreword

This European Standard (EN 14268:2005) has been prepared by Technical Committee CEN/TC 334 "Irrigation techniques", the secretariat of which is held by AFNOR.

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 February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## 1 Scope

This European Standard applies to meters fitted to irrigation machines and networks. These meters are used to meter the actual volume of irrigation water flowing through a fully charged, closed pipe, in order to manage consumption, and to invoice the volume of water distributed.

Irrigation water is likely to contain mineral and organic particles.

## 2 Normative references

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

EN 1092-1, *Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories PN designated – Part 1: Steel flanges*

EN 1092-2, *Flanges and their joints – Circular flanges for pipes, valves, fittings and accessories-PN designated – Part 2: Cast iron flanges*

EN 1267, *Valves – Test of flow resistance using water as test fluid*

prEN 12266-3, *Industrial valves – Technical conditions of delivery – Part 3 : Test procedures and acceptance criteria*

EN 14154-1, *Water meters – Part 1: General requirements*

EN 14154-2, *Water meters – Part 2: Installation and conditions of use*

EN 14154-3, *Water meters – Part 3: Test methods and equipment*

EN 60439-5, *Low-voltage switchgear and controlgear assemblies – Part 5: Particular requirements for assemblies intended to be installed outdoors in public places – Cable distribution cabinets (CDCs) for power distribution in networks (IEC 60439-5:1996)*

EN 60529, *Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989)*

EN 60811-4-1, *Insulating and sheathing materials of electric and optical cables – Common test methods – Part 4-1: Methods specific to polyethylene and polypropylene compounds – Resistance to environmental stress cracking – Measurement of the melt flow index – Carbon black and/or mineral filler content measurement in polyethylene by direct combustion – Measurement of carbon black content by thermogravimetric analysis (TGA) – Assessment of carbon black dispersion in polyethylene using a microscope (IEC 60811-4-1:2004)*

EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads – Part 1: Dimensions, tolerances and designation (ISO 228-1:2000)*

EN ISO 4628-1, *Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – General introduction and designation system (ISO 4628-1:2003)*

ISO 9227, *Corrosion tests in artificial atmospheres – Salt spray tests*