



National Standards Authority of Ireland

STANDARD

I.S. EN ISO 5167-1:2003

ICS 17.120.10

**MEASUREMENT OF FLUID FLOW BY MEANS  
OF PRESSURE DIFFERENTIAL DEVICES  
INSERTED IN CIRCULAR CROSS-SECTION  
CONDUITS RUNNING FULL - PART 1:  
GENERAL PRINCIPLES AND  
REQUIREMENTS (ISO 5167-1:2003)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 5167-1**

March 2003

ICS 17.120.10

Together with EN ISO 5167-2:2003,  
EN ISO 5167-3:2003 and EN ISO 5167-4:2003,  
supersedes EN ISO 5167-1:1995

English version

**Measurement of fluid flow by means of pressure differential  
devices inserted in circular cross-section conduits running full -  
Part 1: General principles and requirements (ISO 5167-1:2003)**

Mesure de débit des fluides au moyen d'appareils  
déprimogènes insérés dans des conduites en charge de  
section circulaire - Partie 1: Principes généraux et  
exigences générales (ISO 5167-1:2003)

Durchflussmessung von Fluiden mit Drosselgeräten in voll  
durchströmten Leitungen mit Kreisquerschnitt - Teil 1:  
Allgemeine Grundlagen und Anforderungen (ISO 5167-  
1:2003)

This European Standard was approved by CEN on 20 February 2003.

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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 Management Centre has the same status as the official versions.

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



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## EN ISO 5167-1:2003 (E)

**CORRECTED 2003-09-03**

### Foreword

This document (EN ISO 5167-1:2003) has been prepared by Technical Committee ISO/TC 30 "Measurement of fluid flow in closed conduits" in collaboration with CMC.

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of an identical text or by endorsement, at the latest by September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

This document, together with EN ISO 5167-2:2003, EN ISO 5167-3:2003 and EN ISO 5167-4:2003, supersedes EN ISO 5167-1:1995.

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

**NOTE FROM CMC** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

### Endorsement notice

The text of ISO 5167-1:2003 has been approved by CEN as EN ISO 5167-1:2003 without any modifications.

# INTERNATIONAL STANDARD

**ISO**  
**5167-1**

Second edition  
2003-03-01

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## **Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full —**

### **Part 1: General principles and requirements**

*Mesure de débit des fluides au moyen d'appareils déprimogènes  
insérés dans des conduites en charge de section circulaire —*

*Partie 1: Principes généraux et exigences générales*



Reference number  
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