



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 62008:2005**

ICS 33.200

**PERFORMANCE CHARACTERISTICS AND  
CALIBRATION METHODS FOR DIGITAL  
DATA ACQUISITION SYSTEMS AND  
RELEVANT SOFTWARE**

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EUROPEAN STANDARD

**EN 62008**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2005

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ICS 33.200

English version

**Performance characteristics and calibration methods  
for digital data acquisition systems  
and relevant software  
(IEC 62008:2005)**

Caractéristiques de performance  
et méthodes d'étalonnage  
pour les systèmes d'acquisition  
de données numériques  
et logiciels appropriés  
(CEI 62008:2005)

Leistungseigenschaften  
und Kalibrierverfahren  
für digitale Datenerfassungssysteme  
und entsprechende Software  
(IEC 62008:2005)

This European Standard was approved by CENELEC on 2005-10-01. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

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## Foreword

The text of document 85/267/FDIS, future edition 1 of IEC 62008, prepared by IEC TC 85, Measuring equipment for electrical and electromagnetic quantities, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62008 on 2005-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-10-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62008:2005 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60748-4	1997	Semiconductor devices - Integrated circuits Part 4: Interface integrated circuits	-	-
IEC 60748-4-3	- <sup>1)</sup>	Part 4-3: Interface integrated circuits - Dynamic criteria for Analogue-Digital Converters (ADC)	-	-
ISO/IEC 17025	- <sup>2)</sup>	General requirements for the competence of testing and calibration laboratories	EN ISO/IEC 17025	2005 <sup>3)</sup>
BIPM/IEC/IFCC/ISO/ IUPAC/IUPAP/OIML	- <sup>2)</sup>	Guide to the expression of uncertainty in measurement (GUM)	-	-

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1) To be published.

2) Undated reference.

3) Valid edition at date of issue.



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