



**NSAI**  
Standards

Irish Standard  
I.S. EN 61069-1:2016

# Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts

**I.S. EN 61069-1:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

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EN 61069-1:2016

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## National Foreword

I.S. EN 61069-1:2016 is the adopted Irish version of the European Document EN 61069-1:2016, Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts

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

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN 61069-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2016

ICS 25.040.40

Supersedes EN 61069-1:1993

English Version

**Industrial-process measurement, control and automation -  
Evaluation of system properties for the purpose of system  
assessment - Part 1: Terminology and basic concepts  
(IEC 61069-1:2016)**

Mesure, commande et automation dans les processus  
industriels - Appréciation des propriétés d'un système en  
vue de son évaluation - Partie 1: Terminologie et principes  
de base  
(IEC 61069-1:2016)

Leittechnik für industrielle Prozesse - Ermittlung der  
Systemeigenschaften zum Zweck der Eignungsbeurteilung  
eines Systems - Teil 1: Terminologie und Konzepte  
(IEC 61069-1:2016)

This European Standard was approved by CENELEC on 2016-07-20. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61069-1:2016****European foreword**

The text of document 65A/788/FDIS, future edition 2 of IEC 61069-1, prepared by SC 65A "System aspects" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61069-1:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-04-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-10-28

This document supersedes EN 61069-1:1993.

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

**Endorsement notice**

The text of the International Standard IEC 61069-1:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61069 Series	NOTE	Harmonized as EN 61069 Series.
IEC/TS 62603-1	NOTE	Harmonized as CLC/TS 62603-1.
IEC 61800-7-1:2015	NOTE	Harmonized as EN 61800-7-1:2016 (not modified).
IEC 61987-1:2006	NOTE	Harmonized as EN 61987-1:2007 (not modified).
IEC 61508-1:2010	NOTE	Harmonized as EN 61508-1:2010 (not modified).
IEC 82045-1:2001	NOTE	Harmonized as EN 82045-1:2001 (not modified).
IEC 60300-3-1	NOTE	Harmonized as EN 60300-3-1.
IEC 60654 Series	NOTE	Harmonized as EN 60654 Series.
IEC 60654-1	NOTE	Harmonized as EN 60654-1.
IEC 60654-2	NOTE	Harmonized as EN 60654-2.
IEC 60654-3	NOTE	Harmonized as EN 60654-3.
IEC 60654-4	NOTE	Harmonized as EN 60654-4.
IEC 60038	NOTE	Harmonized as EN 60038.
IEC 60721-3-1	NOTE	Harmonized as EN 60721-3-1.
IEC 60721-3-2	NOTE	Harmonized as EN 60721-3-2.
IEC 60721-3-3	NOTE	Harmonized as EN 60721-3-3.
IEC 60721-3-4	NOTE	Harmonized as EN 60721-3-4.
IEC 61326-1:2012	NOTE	Harmonized as EN 61326-1:2013 (not modified).
IEC 61000-4-3	NOTE	Harmonized as EN 61000-4-3.
IEC 61000-4-4	NOTE	Harmonized as EN 61000-4-4.
IEC 61000-4-5	NOTE	Harmonized as EN 61000-4-5.

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