



NSAI
Standards

Irish Standard
I.S. EN 61298-3:2008

Process measurement and control
devices - General methods and
procedures for evaluating performance
-- Part 3: Tests for the effects of
influence quantities (IEC 61298-3:2008
(EQV))

I.S. EN 61298-3:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. EN 61298-3:1999	<i>This document is based on:</i> EN 61298-3:2008 EN 61298-3:1998	<i>Published:</i> 20 November, 2008 15 January, 1999
This document was published under the authority of the NSAI and comes into effect on: 14 January, 2009		ICS number: 25.040.40
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
		Price Code: S
Údarás um Chaighdeáin Náisiúnta na hÉireann		

**Process measurement and control devices -
General methods and procedures for evaluating performance -
Part 3: Tests for the effects of influence quantities
(IEC 61298-3:2008)**

Dispositifs de mesure
et de commande de processus -
Méthodes et procédures générales
d'évaluation des performances -
Partie 3: Essais pour la détermination
des effets des grandeurs d'influence
(CEI 61298-3:2008)

Prozessmess-, -steuer- und -regelgeräte -
Allgemeine Methoden und Verfahren für
die Bewertung des Betriebsverhaltens -
Teil 3: Prüfungen der Auswirkungen
von Einflussgrößen
(IEC 61298-3:2008)

This European Standard was approved by CENELEC on 2008-11-01. 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.

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

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

I.S. EN 61298-3:2008

EN 61298-3:2008

- 2 -

Foreword

The text of document 65B/687/FDIS, future edition 2 of IEC 61298-3, prepared by SC 65B, Devices & process analysis, of IEC TC 65, Industrial-process measurement, control and automation, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61298-3 on 2008-11-01.

This European Standard supersedes EN 61298-3:1998.

EN 61298-3:2008 is a general revision with respect to EN 61298-3:1998 and does not include any significant changes (see Introduction).

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) 2009-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61298-3:2008 was approved by CENELEC as a European Standard without any modification.

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 When 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 60050-300	- ¹⁾	International Electrotechnical Vocabulary (IEV) - Electrical and electronic measurements and measuring instruments - Part 311: General terms relating to measurements - Part 312: General terms relating to electrical measurements - Part 313: Types of electrical measuring instruments - Part 314: Specific terms according to the type of instrument	-	-
IEC 60050-351	- ¹⁾	International Electrotechnical Vocabulary (IEV) - Part 351: Control technology	-	-
IEC 60068-2-1	- ¹⁾	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	2007 ²⁾
IEC 60068-2-2	- ¹⁾	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007 ²⁾
IEC 60068-2-6	- ¹⁾	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008 ²⁾
IEC 60068-2-30	- ¹⁾	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	2005 ²⁾
IEC 60068-2-31	- ¹⁾	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens	EN 60068-2-31	2008 ²⁾
IEC 60654-1	1993	Industrial-process measurement and control equipment - Operating conditions - Part 1: Climatic conditions	EN 60654-1	1993
IEC 60654-2 + A1	1979 1992	Operating conditions for industrial-process measurement and control equipment - Part 2: Power	EN 60654-2	1997
IEC 60654-3	1983	Operating conditions for industrial-process measurement and control equipment - Part 3: Mechanical influences	EN 60654-3	1997

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

I.S. EN 61298-3:2008

EN 61298-3:2008

- 4 -

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-2	1995	Electromagnetic compatibility (EMC) -	EN 61000-4-2	1995
A1	1998	Part 4-2: Testing and measurement	A1	1998
A2	2000	techniques - Electrostatic discharge immunity test	A2	2001
IEC 61000-4-3	2002	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN 61000-4-3 ³⁾	2002
IEC 61000-4-4	2004	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	2004
IEC 61000-4-5	1995	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5 ⁴⁾	1995
IEC 61000-4-6	2003	Electromagnetic compatibility (EMC) -		
+ A1	2004	Part 4-6: Testing and measurement		
+ A2	2006	techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6 + corr. August	2007 2007
IEC 61000-4-8	1993	Electromagnetic compatibility (EMC) -	EN 61000-4-8	1993
A1	2000	Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	A1	2001
IEC 61000-4-11	2004	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	EN 61000-4-11	2004
IEC 61298-1	2008	Process measurement and control devices - General methods and procedures for evaluating performance - Part 1: General considerations	EN 61298-1	2008
IEC 61298-2	2008	Process measurement and control devices - General methods and procedures for evaluating performance - Part 2: Tests under reference conditions	EN 61298-2	2008
IEC 61298-4	2008	Process measurement and control devices - General methods and procedures for evaluating performance - Part 4: Evaluation report content	EN 61298-4	2008
IEC 61326	Series	Electrical equipment for measurement, control and laboratory use - EMC requirements	EN 61326	Series
IEC 61326-1	2005	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	EN 61326-1	2006

³⁾ EN 61000-4-3 is superseded by EN 61000-4-3:2006, which is based on IEC 61000-4-3:2006.

⁴⁾ EN 61000-4-5 is superseded by EN 61000-4-5:2006, which is based on IEC 61000-4-5:2005.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-