



NSAI
Standards

Irish Standard
I.S. EN 61326-3-1:2017

Electrical equipment for measurement,
control and laboratory use - EMC
requirements - Part 3-1: Immunity
requirements for safety-related systems and
for equipment intended to perform safety-
related functions (functional safety) - General
industrial applications

I.S. EN 61326-3-1:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 61326-3-1:2017 is the adopted Irish version of the European Document EN 61326-3-1:2017, Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications

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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 61326-3-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2017

ICS 25.040.40; 33.100.20

Supersedes EN 61326-3-1:2008

English Version

**Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications
(IEC 61326-3-1:2017)**

Matériel électrique de mesure, de commande et de laboratoire - Exigences relatives à la CEM - Partie 3-1: Exigences d'immunité pour les systèmes relatifs à la sécurité et pour les matériels destinés à réaliser des fonctions relatives à la sécurité (sécurité fonctionnelle) - Applications industrielles générales
(IEC 61326-3-1:2017)

Elektrische Mess-, Steuer-, Regel- und Laborgeräte - EMV-Anforderungen - Teil 3-1: Störfestigkeitsanforderungen für sicherheitsbezogene Systeme und für Geräte, die für sicherheitsbezogene Funktionen vorgesehen sind (Funktionale Sicherheit) - Allgemeine industrielle Anwendungen
(IEC 61326-3-1:2017)

This European Standard was approved by CENELEC on 2017-06-20. 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.

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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 61326-3-1:2017**European foreword**

The text of document 65A/819/FDIS, future edition 2 of IEC 61326-3-1, 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 61326-3-1:2017.

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) 2018-03-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-06-20

This document supersedes EN 61326-3-1:2008.

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Endorsement notice

The text of the International Standard IEC 61326-3-1:2017 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 60204-1:2005	NOTE	Harmonized as EN 60204-1:2006.
IEC 61000 (series)	NOTE	Harmonized as EN 61000 (series).
IEC 61000-1-2:2005	NOTE	Harmonized as EN 60204-1:2006.
IEC 61000-6-5	NOTE	Harmonized as EN 61000-6-5.
IEC 61000-6-7	NOTE	Harmonized as EN 61000-6-7.
IEC 61326-2-1:2012	NOTE	Harmonized as EN 61326-2-1:2013.
IEC 61326-2-2:2012	NOTE	Harmonized as EN 61326-2-2:2013.
IEC 61326-2-3:2012	NOTE	Harmonized as EN 61326-2-3:2013.
IEC 61326-2-4:2012	NOTE	Harmonized as EN 61326-2-4:2013.
IEC 61326-2-5:2012	NOTE	Harmonized as EN 61326-2-5:2013.
IEC 61326-3-1:2008	NOTE	Harmonized as EN 61326-3-1:2008.
IEC 61508 (series)	NOTE	Harmonized as EN 61508 (series).

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