



**NSAI**  
Standards

Irish Standard  
I.S. EN IEC 61496-3:2019

# Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse Reflection (AOPDDR)

**I.S. EN IEC 61496-3:2019**

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

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*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):*

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*This document is based on:*

EN IEC 61496-3:2019

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Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN IEC 61496-3:2019 is the adopted Irish version of the European Document EN IEC 61496-3:2019, Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse Reflection (AOPDDR)

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 IEC 61496-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2019

ICS 13.110; 31.260

Supersedes CLC/TS 61496-3:2008

English Version

**Safety of machinery - Electro-sensitive protective equipment -  
Part 3: Particular requirements for active opto-electronic  
protective devices responsive to diffuse Reflection (AOPDDR)  
(IEC 61496-3:2018)**

Sécurité des machines - Equipements de protection électro-  
sensibles - Partie 3: Exigences particulières pour les  
équipements utilisant des dispositifs protecteurs  
optoélectroniques actifs sensibles aux réflexions diffuses  
(AOPDDR)  
(IEC 61496-3:2018)

Sicherheit von Maschinen - Berührungslos wirkende  
Schutzeinrichtungen - Teil 3: Besondere Anforderungen an  
aktive optoelektronische diffuse Reflexion nutzende  
Schutzeinrichtungen (AOPDDR)  
(IEC 61496-3:2018)

This European Standard was approved by CENELEC on 2019-01-11. 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, Serbia, 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: Rue de la Science 23, B-1040 Brussels**

## **EN IEC 61496-3:2019 (E)**

### **European foreword**

The text of document 44/831/FDIS, future edition 3 of IEC 61496-3, prepared by IEC/TC 44 "Safety of machinery - Electrotechnical aspects" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61496-3:2019.

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) 2019-10-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-01-11

This document supersedes CLC/TS 61496-3:2008.

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

### **Endorsement notice**

The text of the International Standard IEC 61496-3:2018 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:

The bibliography of IEC 61496-1:2012 applies, except as follows:

Addition:

IEC 60068-2-64:2008	NOTE	Harmonized as EN 60068-2-64:2008 (not modified)
IEC 60721-3-5:1997	NOTE	Harmonized as EN 60721-3-5:1997 (not modified)
IEC 61508-1:2010	NOTE	Harmonized as EN 61508-1:2010 (not modified)

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