



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61496-3:2001**

ICS 13.110  
29.260

**SAFETY OF MACHINERY -  
ELECTRO-SENSITIVE PROTECTIVE  
EQUIPMENT  
PART 3: PARTICULAR REQUIREMENTS FOR  
ACTIVE OPTO-ELECTRONIC PROTECTIVE  
DEVICES RESPONSIVE TO DIFFUSE  
REFLECTION (AOPDDR)**

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EUROPEAN STANDARD

**EN 61496-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2001

ICS 13.110; 29.260

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 61496-3:2001)**

Sécurité des machines -  
Équipements de protection électro-  
sensibles  
Partie 3: Prescriptions particulières  
pour les équipements utilisant des  
dispositifs protecteurs opto-électroniques  
actifs sensibles aux réflexions diffuses  
(AOPDDR)  
(CEI 61496-3:2001)

Sicherheit von Maschinen -  
Berührungslos wirkende  
Schutzeinrichtungen  
Teil 3: Besondere Anforderungen  
an aktive optoelektronische diffuse  
Reflektion nutzende Schutzeinrichtungen  
(AOPDDR)  
(IEC 61496-3:2001)

This European Standard was approved by CENELEC on 2001-03-06. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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**



## Foreword

The text of document 44/287/FDIS, future edition 1 of IEC 61496-3, prepared by IEC TC 44, Safety of machinery - Electrotechnical aspects, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61496-3 on 2001-03-06.

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) 2002-01-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2004-04-01

This standard is to be used in conjunction with EN 61496-1:1997

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A, B and ZA are normative and annexes C, AA and BB are informative.

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61496-3:2001 was approved by CENELEC as a European Standard without any modification.

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