



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61828:2001

ICS 17.140.50

**ULTRASONICS -  
FOCUSING TRANSDUCERS -  
DEFINITIONS AND MEASUREMENT  
METHODS FOR THE TRANSMITTED FIELDS  
(IEC 61828:2001)**

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EUROPEAN STANDARD

**EN 61828**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 17.140 50

English version

**Ultrasonics -  
Focusing transducers -  
Definitions and measurement methods  
for the transmitted fields  
(IEC 61828:2001)**

**Ultrasons -  
Transducteurs focaliseurs -  
Définitions et méthodes de mesure  
des champs transmis  
(CEI 61828:2001)**

**Ultraschall -  
Fokussierende Wandler -  
Definitionen und Messverfahren  
für die erzeugten Felder  
(IEC 61828:2001)**

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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.

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**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**



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### Foreword

The text of document 87/196/FDIS, future edition 1 of IEC 61828, prepared by IEC TC 87, Ultrasonics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61828 on 2001-09-01.

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) 2002-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2004-09-01

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

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61828:2001 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 61161:1992 NOTE: Harmonized as EN 61161:1994 (not modified).

IEC 62092:2001 NOTE: Harmonized as EN 62092:2001 (not modified).

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