

STN	Ultrazvuk Hydrofóny Časť 3: Vlastnosti hydrofónov pre ultrazvukové polia Zmena A1	STN EN IEC 62127-3/A1 34 0883
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Ultrasonics - Hydrophones - Part 3: Properties of hydrophones for ultrasonic fields

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/26

STN EN IEC 62127-3 z apríla 2023 sa bez tejto zmeny A1 môže používať do 30. 4. 2029.

Obsahuje: EN IEC 62127-3:2023/A1:2026, IEC 62127-3:2022/AMD1:2026

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2026
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62127-3:2023/A1

April 2026

ICS 17.140.50

English Version

**Ultrasonics - Hydrophones - Part 3: Properties of hydrophones
for ultrasonic fields
(IEC 62127-3:2022/AMD1:2026)**

Ultrasons - Hydrophones - Partie 3: Propriétés des
hydrophones pour les champs ultrasoniques
(IEC 62127-3:2022/AMD1:2026)

Ultraschall - Hydrophone - Teil 3: Eigenschaften von
Hydrophonen zur Verwendung in Ultraschallfeldern
(IEC 62127-3:2022/AMD1:2026)

This amendment A1 modifies the European Standard EN IEC 62127-3:2023; it was approved by CENELEC on 2026-03-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

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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 62127-3:2023/A1:2026 (E)**European foreword**

The text of document 87/897/CDV, future edition 2 of IEC 62127-3/AMD1, prepared by TC 87 "Ultrasonics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62127-3:2023/A1:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-04-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-04-30 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62127-3:2022/AMD1:2026 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 documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Replace IEC 62127-2 with:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62127-2	-	Ultrasonics - Hydrophones - Part 2: Calibration for ultrasonic fields	EN IEC 62127-2	-



IEC 62127-3

Edition 2.0 2026-02

INTERNATIONAL STANDARD

AMENDMENT 1

**Ultrasonics - Hydrophones -
Part 3: Properties of hydrophones for ultrasonic fields**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Ultrasonics - Hydrophones -
Part 3: Properties of hydrophones for ultrasonic fields****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 62127-2:2022 has been prepared by IEC technical committee 87: Ultrasonics.

The text of this Amendment is based on the following documents:

Draft	Report on voting
87/897/CDV	87/914/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

INTRODUCTION

The second edition of IEC 62127-3 was published in 2022. The application of the document has revealed improvement potential with respect to the measurement requirements for **directional responses** and regarding data evaluation requirements for **effective hydrophone size** determination. This amendment addresses these items to ensure the practicality of the required measurements as well as the generation of a common data base to support **hydrophone** spatial averaging correction methods and the simplifying assumptions therein.

2 Normative references

Replace the IEC 62127-2 reference with the following new reference:

"IEC 62127-2, *Ultrasonics - Hydrophones - Part 2: Calibration for ultrasonic fields*"

koniec náhľadu – text ďalej pokračuje v platenej verzii STN