SLOVENSKI STANDARD
SIST EN 61094-5:2016

01-november-2016

Nadomešča:
SIST EN 61094-5:2007

Merilni mikrofoni - 5. del: Metode za primerjalno kalibriranje tlaka delujočega standardnega mikrofona (IEC 61094-5:2016)

Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison (IEC 61094-5:2016)

Microphones de mesure - Partie 5: Méthodes pour l'étalonnage en pression par comparaison des microphones étalons de travail (IEC 61094-5:2016)

Ta slovenski standard je istoveten z: **EN 61094-5:2016**

ICS:

17.140.50	Elektroakustika	Electroacoustics
33.160.50	Pribor	Accessories

SIST EN 61094-5:2016 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61094-5

September 2016

ICS 17.140.50

Supersedes EN 61094-5:2001

English Version

Electroacoustics - Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison (IEC 61094-5:2016)

Électroacoustique - Microphones de mesure - Partie 5: Méthodes pour l'étalonnage en pression par comparaison des microphones étalons de travail (IEC 61094-5:2016)

Messmikrofone - Teil 5: Verfahren zur Druckkammer-Kalibrierung von Gebrauchs-Normalmikrofonen nach der Vergleichsmethode (IEC 61094-5:2016)

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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

European foreword

The text of document 29/870/CDV, future edition 2 of IEC 61094-5, prepared by IEC TC 29, Electroacoustics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61094-5:2016.

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)	2017-04-04
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2019-07-04

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Endorsement notice

The text of the International Standard IEC 61094-5:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61094-2:2009	NOTE	Harmonized as EN 61094-2:2009.

Annex ZA
(normative)
Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.

Publication	Year	Title	EN/HD	Year
IEC 61094-1	-	Measurement microphones -- Part 1: Specifications for laboratory standard microphones	EN 61094-1	-
IEC 61094-4	-	Measurement microphones -- Part 4: Specifications for working standard microphones	EN 61094-4	-

IEC 61094-5

Edition 2.0 2016-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electroacoustics – Measurement microphones –
Part 5: Methods for pressure calibration of working standard microphones by comparison

Électroacoustique – Microphones de mesure –
Partie 5: Méthodes pour l'étalonnage en pression par comparaison des microphones étalons de travail

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ELECTROACOUSTICS – MEASUREMENT MICROPHONES –

Part 5: Methods for pressure calibration of working standard microphones by comparison

FOREWORD

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International Standard IEC 61094-5 has been prepared by IEC technical committee 29: Electroacoustics.

This edition cancels and replaces the first edition published in 2001. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) details of additional components of uncertainty;
b) revised corrections for type WS3 microphones;
c) provision for the calibration of microphones in driven shield configuration.

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

CDV	Report on voting
29/870/CDV	29/887A/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61904 series, published under the general title *Measurement microphones*, can be found on the IEC website.

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.