

SLOVENSKI STANDARD

SIST EN 60534-8-4:1999

01-januar-1999

**Industrial-process control valves - Part 8: Noise considerations - Section 4:
Prediction of noise generated by hydrodynamic flow (IEC 60534-8-4:1994)**

Industrial-process control valves -- Part 8: Noise considerations -- Section 4: Prediction of noise generated by hydrodynamic flow

Stellventile für die Prozeßregelung -- Teil 8: Geräuschemission -- Hauptabschnitt 4:
Vorausberechnung für flüssigkeitsdurchströmte Stellventile

SIST STANDARD PREVIEW

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Vannes de régulation des processus industriels -- Partie 8: Considérations sur le bruit --
Section 4: Prédition du bruit créé par un écoulement hydrodynamique

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Ta slovenski standard je istoveten z: **EN 60534-8-4:1994**

ICS:

17.140.20	Emisija hrupa naprav in opreme	Noise emitted by machines and equipment
23.060.40	Vlæ } Á^* ^ æ[lā	Pressure regulators
25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control

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UDC 621.646.2-553.4:681.523:681.533 38:620.1:534.6:534.83

Descriptors: Industrial-process, control valves, hydrodynamic flow through a control valve, noise generated by a hydrodynamic flow, prediction of noise

ENGLISH VERSION

Industrial-process control valves
 Part 8: Noise considerations
 Section 4: Prediction of noise generated by
 hydrodynamic flow
 (IEC 534-8-4:1994)

Vannes de régulation des processus industriels
 Partie 8: Considérations sur le bruit
 Section 4: Prédition du bruit créé par un écoulement hydrodynamique
 (CEI 534-8-4:1994)

Stellventile für die Prozeßregelung
 Teil 8: Geräuschemission
 Hauptabschnitt 4:
 Vorausberechnung für flüssigkeitsdurchströmte Stellventile
 (IEC 534-8-4:1994)

The STANDARD REVIEW
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SIST EN 60534-8-4:1999

This European Standard was approved by CENELEC on 1994-03-08.

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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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, 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 65B(CO)86, as prepared by Sub-Committee 65B: Elements of systems, of IEC Technical Committee 65: Industrial-process measurement and control, was submitted to the IEC-CENELEC parallel vote in January 1993.

The reference document was approved by CENELEC as EN 60534-8-4 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-05-01
- latest date of withdrawal of conflicting national standards (dow) 1995-05-01

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annex A is informative and annex ZA is normative.

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ENDORSEMENT NOTICE

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The text of the International Standard IEC 60534-8-4:1994 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC

Publication	Date	Title	EN/HD	Date
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534-1	1987	Industrial-process control valves Part 1: Control valve terminology and general considerations	EN 60534-1	1993
534-2	1978	Part 2: Flow capacity Section One: Sizing equations for incompressible fluid flow under installed conditions	EN 60534-2-1	1993
534-2-3	1983	Section Three: Test procedures 10b21076e572/sist-en-60534-8-4-1999	EN 60534-2-3	1993
534-8-2	1991	Part 8: Noise considerations Section 2: Laboratory measurement of noise generated by hydrodynamic flow through control valves	EN 60534-8-2	1993

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NORME INTERNATIONALE INTERNATIONAL STANDARD

**CEI
IEC
534-8-4**

Première édition
First edition
1994-05

Vannes de régulation des processus industriels –

Partie 8:

Considérations sur le bruit –

Section 4: Prédiction du bruit créé par

iTeh STANDARD PREVIEW
un écoulement hydrodynamique
(standards.iteh.ai)

Industrial-process control valves –

<https://standards.iteh.ai/catalog/standards/sist/a45bcf5e-6903-4759-a082-10b21076e572/sist-en-60534-8-4-1999>

Part 8:

Noise considerations –

Section 4: Prediction of noise generated
by hydrodynamic flow

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INDUSTRIAL-PROCESS CONTROL VALVES -

Part 8: Noise considerations –
Section 4: Prediction of noise generated
by hydrodynamic flow

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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10b21076e572/sist-en-60534-8-4-1999

This section of International Standard IEC 534-8 has been prepared by sub-committee 65B: Elements of systems, of IEC technical committee 65: Industrial-process measurement and control.

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

DIS	Report on Voting
65B(CO)86	65B(CO)89

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

Annex A is for information only.