

SLOVENSKI STANDARD
SIST EN 60534-8-2:2012**01-februar-2012****Nadomešča:****SIST EN 60534-8-2:1998**

Ventili za upravljanje v industrijskih procesih - 8-2. del: Hrup - Laboratorijske meritve hrupa zaradi hidrodinamičnega pretoka skozi ventile za upravljanje (IEC 60534-8-2:2011)

Industrial-process control valves - Part 8-2: Noise considerations - Laboratory measurement of noise generated by hydrodynamic flow through control valves (IEC 60534-8-2:2011)

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Stellventile für die Prozeßregelung -- Teil 8-2: Geräuschemission - Laboratoriumsmessungen von Geräuschen bei flüssigkeitsdurchströmten Stellventilen (IEC 60534-8-2:2011)

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Vannes de regulation des processus industriels - Partie 8-2: Considérations sur le bruit - Mesure en laboratoire du bruit créé par un écoulement hydrodynamique dans une vanne de régulation (CEI 60534-8-2:2011)

Ta slovenski standard je istoveten z: EN 60534-8-2:2011**ICS:**

17.140.20	Emisija hrupa naprav in opreme	Noise emitted by machines and equipment
23.060.40	Tlačni regulatorji	Pressure regulators
25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control

SIST EN 60534-8-2:2012**en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60534-8-2

December 2011

ICS 17.140.20; 23.060.40; 25.040.40

Supersedes EN 60534-8-2:1993

English version

**Industrial-process control valves -
Part 8-2: Noise considerations -
Laboratory measurement of noise generated by hydrodynamic flow
through control valves
(IEC 60534-8-2:2011)**

Vannes de régulation des processus
industriels -
Partie 8-2: Considérations sur le bruit -
Mesure en laboratoire du bruit créé par un
écoulement hydrodynamique dans une
vanne de régulation
(CEI 60534-8-2:2011)

Stellventile für die Prozeßregelung -
Teil 8-2: Geräuschemission -
Laboratoriumsmessungen von
Geräuschen bei flüssigkeitsdurchströmten
Stellventilen
(IEC 60534-8-2:2011)

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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 CEN-CENELEC Management Centre 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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 65B/801/FDIS, future edition 2 of IEC 60534-8-2, prepared by SC 65B, "Devices & process analysis", of IEC/TC 65, "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60534-8-2:2011.

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) 2012-08-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-11-16

This document supersedes EN 60534-8-2:1993.

EN 60534-8-2:2011 constitutes a technical revision that includes internal noise measurement.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60534-1	2005	Industrial-process control valves - Part 1: Control valve terminology and general considerations	EN 60534-1	2005
IEC 60534-2-3	1997	Industrial-process control valves - Part 2-3: Flow capacity - Test procedures	EN 60534-2-3	1998
IEC 60534-8-4	-	Industrial-process control valves - Part 8-4: Noise considerations - Prediction of noise generated by hydrodynamic flow	EN 60534-8-4	-
IEC 61672-1	2002	Electroacoustics - Sound level meters - Part 1: Specifications	EN 61672-1	2003
ISO 3744	1994	Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering method in an essentially free field over a reflecting plane	EN ISO 3744	1995 ¹⁾
ISO 3745	2003	Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for anechoic and hemi- anechoic rooms	EN ISO 3745	2003

¹⁾ EN ISO 3744:1995 is superseded by EN ISO 3744:2010.

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Edition 2.0 2011-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Industrial-process control valves –
Part 8-2: Noise considerations – Laboratory measurement of noise generated by
hydrodynamic flow through control valves**

**Vannes de régulation des processus industriels –
Partie 8-2: Considérations sur le bruit – Mesure en laboratoire du bruit créé par
un écoulement hydrodynamique dans une vanne de régulation**

INTERNATIONAL
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COMMISSION

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INTERNATIONALE

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ICS 17.140.20; 23.060.40; 25.040.40

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INDUSTRIAL-PROCESS CONTROL VALVES –**Part 8-2: Noise considerations –
Laboratory measurement of noise generated
by hydrodynamic flow through control valves**

FOREWORD

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International Standard IEC 60534-8-2 has been prepared by subcommittee 65B: Measurements and control devices, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition published in 1991 and constitutes a technical revision that includes internal noise measurement.

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

FDIS	Report on voting
65B/801/FDIS	65B/808/RVD

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 of the IEC 60534 series, published under the general title *Industrial-process control valves*, 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 web site 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.

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