



SLOVENSKI STANDARD
SIST EN 60534-2-4:2009

01-september-2009

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Industrial-process control valves -- Part 2-4: Flow capacity - Inherent flow characteristics and rangeability

Stellventile für die Prozessregelung -- Teil 2-4: Durchflusskapazität - Inhärente Durchflusskennlinien und Stellverhältnis

Vannes de régulation des processus industriels -- Partie 2-4: Capacité d'écoulement - Caractéristiques intrinsèques de débit et coefficient intrinsèque de réglage

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Ta slovenski standard je istoveten z: EN 60534-2-4:2009

ICS:

23.060.40	V æ } ã^* ~ æf !lä	Pressure regulators
25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60534-2-4

June 2009

ICS 23.060.40; 25.040.40

English version

**Industrial-process control valves -
Part 2-4: Flow capacity -
Inherent flow characteristics and rangeability
(IEC 60534-2-4:2009)**

Vannes de régulation
des processus industriels -
Partie 2-4: Capacité d'écoulement -
Caractéristiques intrinsèques de débit
et coefficient intrinsèque de réglage
(CEI 60534-2-4:2009)

Stellventile für die Prozessregelung -
Teil 2-4: Durchflusskapazität -
Inhärente Durchflusskennlinien
und Stellverhältnis
(IEC 60534-2-4:2009)

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This European Standard was approved by CENELEC on 2009-06-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 65B/704/FDIS, future edition 2 of IEC 60534-2-4, 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 was approved by CENELEC as EN 60534-2-4 on 2009-06-01.

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) 2010-03-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2012-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60534-2-4:2009 was approved by CENELEC as a European Standard without any modification.

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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	- ¹⁾	Industrial-process control valves - Part 2-3: Flow capacity - Test procedures	EN 60534-2-3	1998 ²⁾

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¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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IEC 60534-2-4

Edition 2.0 2009-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Industrial-process control valves –
Part 2-4: Flow capacity – Inherent flow characteristics and rangeability**
(standards.iteh.ai)

**Vannes de régulation des processus industriels –
Partie 2-4: Capacité d'écoulement – Caractéristiques intrinsèques de débit et
coefficient intrinsèque de réglage**

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INDUSTRIAL-PROCESS CONTROL VALVES –**Part 2-4: Flow capacity –
Inherent flow characteristics and rangeability**

FOREWORD

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International Standard IEC 60534-2-4 has been prepared by subcommittee 65B: Devices and process analysis, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition published in 1989. This edition constitutes a technical revision. The main changes with respect to the previous edition are listed below.

This standard has been revised to:

- a) update the normative references;
- b) delete the terminology included in IEC 60534-1;
- c) transform the previous Note 1 in Clause 6;
- d) redraw the graphics;
- e) delete the previous Figure 3.

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

FDIS	Report on voting
65B/704/FDIS	65B/713/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 IEC 60534 series, 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 maintenance result 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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