

# SLOVENSKI STANDARD

## SIST EN IEC 60584-3:2021

01-julij-2021

Nadomešča:  
SIST EN 60584-3:2008

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### Termočleni - 3. del: Podaljševalni in kompenzacijski kabli - Tolerance in sistemi identifikacije (IEC 60584-3:2021)

Thermocouples - Part 3: Extension and compensating cables - Tolerances and identification system (IEC 60584-3:2021)

Thermopaare - Teil 3: Thermoleitungen und Ausgleichsleitungen - Grenzabweichungen und Kennzeichnungssystem (IEC 60584-3:2021)

Couples thermoélectriques - Partie 3: Câbles d'extension et de compensation - Tolérances et système d'identification (IEC 60584-3:2021)

Ta slovenski standard je istoveten z: **EN IEC 60584-3:2021**

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#### **ICS:**

17.200.20	Instrumenti za merjenje temperature	Temperature-measuring instruments
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**SIST EN IEC 60584-3:2021**

**en,fr,de**

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EUROPEAN STANDARD

**EN IEC 60584-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2021

ICS 17.200.20

Supersedes EN 60584-3:2008 and all of its amendments  
and corrigenda (if any)

English Version

**Thermocouples - Part 3: Extension and compensating cables -  
Tolerances and identification system  
(IEC 60584-3:2021)**Couples thermoélectriques - Partie 3: Câbles d'extension et  
de compensation - Tolérances et système d'identification  
(IEC 60584-3:2021)Thermopaare - Teil 3: Thermoleitungen und  
Ausgleichsleitungen - Grenabweichungen und  
Kennzeichnungssystem  
(IEC 60584-3:2021)

This European Standard was approved by CENELEC on 2021-03-23. 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 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 60584-3:2021 (E)****European foreword**

The text of document 65B/1189/FDIS, future edition 3 of IEC 60584-3, prepared by SC 65B "Measurement and control devices" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60584-3:2021.

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) 2021-12-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-03-23

This document supersedes EN 60584-3:2008 and all of its amendments and corrigenda (if any).

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**Endorsement notice****iTeh STANDARD PREVIEW**

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## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60584-1	-	Thermocouples - Part 1: EMF specifications and tolerances	EN 60584-1	-

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IEC 60584-3

Edition 3.0 2021-02

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Thermocouples – iTeh STANDARD PREVIEW**  
**Part 3: Extension and compensating cables – Tolerances and identification**  
**system**

**Couples thermoélectriques –**  
**Partie 3: Câbles d'extension et de compensation – Tolérances et système**  
**d'identification**

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## CONTENTS

FOREWORD .....	3
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 General .....	6
5 Tolerance values .....	6
6 Colour coding .....	7
6.1 Negative conductor .....	7
6.2 Positive conductor .....	7
6.3 Outer sheath .....	7
6.4 Connectors .....	7
7 Dimensions .....	7
8 Requirements .....	9
8.1 Materials .....	9
8.1.1 Insulating materials .....	9
8.1.2 Conductor materials .....	9
8.2 Electromagnetic shielding .....	9
8.3 Capacitance and inductance .....	9
8.4 Resistance of positive or negative conductor and loop resistance of a cable .....	9
8.5 Insulation resistance .....	10
8.6 Dielectric strength .....	10
9 Identification and shipping form .....	10
9.1 Additional identification .....	10
9.2 The shipping form and further information .....	10
Annex A (informative) Examples for forms and sizes other than wires and stranded wires .....	11
Table 1 – Tolerance classes for extension and compensating cables .....	6
Table 2 – Colour code of positive conductor insulation for extension and compensating cables .....	7
Table 3 – Nominal diameters of typical single strand (solid) wires .....	8
Table 4 – Constructions and typical nominal cross-sectional area of multi-stranded wires .....	8
Table A.1 – Rods .....	11
Table A.2 – Flat wires .....	11
Table A.3 – Strips .....	11



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## THERMOCOUPLES –

**Part 3: Extension and compensating cables –  
Tolerances and identification system**

## FOREWORD

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International Standard IEC 60584-3 has been prepared by subcommittee 65B: Measurement and control devices, of IEC Technical Committee 65: Industrial-process measurement, control and automation.

This third edition cancels and replaces the second edition issued in 2007. This edition constitutes a technical revision.

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

- a) revision of tolerance values to take recent technological advancement into account,
- b) addition of new colour coding for the thermocouple Type C and A in response to the newly revised IEC 60584-1 Edition 3: 2013,
- c) creation of an annex to provide examples of sizes for the rod, flat wire and strip of the compensating and extending conductors for thermocouples.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
65B/1189/FDIS	65B/1191/RVD

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 International Standard is English.

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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

A list of all parts of the IEC 60584 series, under the general title *Thermocouples*, can be found on the IEC website.

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

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

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