

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Thermocouples –
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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INTERNATIONAL ELECTROTECHNICAL COMMISSION

THERMOCOUPLES –

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

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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. The main document types developed by IEC are described in greater detail at 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.

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