

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Industrial platinum resistance thermometers and platinum temperature sensors**

**Thermomètres à résistance de platine industriels et capteurs thermométriques en platine**

Withhold



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**INDUSTRIAL PLATINUM RESISTANCE THERMOMETERS AND  
PLATINUM TEMPERATURE SENSORS**

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International Standard IEC 60751 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 1983, amendment 1 (1986) and amendment 2 (1995). This edition constitutes a technical revision.

The significant technical changes with respect to the previous edition are as follows:

While the temperature/resistance relationship in 4.2 remains unchanged, there are several changes in the other chapters. Most important are:

- tolerance classes follow a new scheme;
- tolerance acceptance test is included;
- hysteresis test is included;
- several changes in the individual tests;
- appendices are deleted.

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

FDIS	Report on voting
65B/664/FDIS	65B/683/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.

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

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