

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Piezoelectric sensors –  
Part 1: Generic specifications**

**Capteurs piézoélectriques –  
Partie 1: Spécifications génériques**





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IEC 63041-1

Edition 2.0 2021-09

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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ICS 31.140

ISBN 978-2-8322-1023-7

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IEC 63041-1 has been prepared by IEC technical committee 49: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection. It is an International Standard.

This second edition cancels and replaces the first edition published in 2017. This edition constitutes a technical revision.

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

- a) the new terms "piezoelectric sensor system" and "wireless SAW sensor system" and their definitions have been added;
- b) new types of sensor modules and sensor system have been added;
- c) some symbols of sensor elements are added in Clause 4;
- d) a new Figure B.3 has been added in Annex B;
- e) Annex C has been added.

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

Draft	Report on voting
49/1357/CDV	49/1364/RVC

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).

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