

**SLOVENSKI STANDARD
SIST EN IEC 60051-4:2021****01-september-2021****Nadomešča:
SIST EN 60051-4:1995**

**Neposredni kazalni analogni električni merilni instrumenti in njihov pribor - 4. del:
Posebne zahteve za merilnike frekvence (IEC 60051-4:2018)**Direct acting indicating analogue electrical measuring instruments and their accessories
title - Part 4: Special requirements for frequency meters (IEC 60051-4:2018)Direkt wirkend anzeigende analoge elektrische Messgeräte und ihr Zubehör - Teil 4:
Spezielle Anforderungen für Frequenz-Messgeräte (IEC 60051-4:2018)Appareils mesureurs électriques indicateurs analogiques à action directe et leurs
accessoires - Partie 4: Exigences particulières pour les fréquencesmètres (IEC 60051-
4:2018)**Ta slovenski standard je istoveten z: EN IEC 60051-4:2021****ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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SIST EN IEC 60051-4:2021**en,fr,de**

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EUROPEAN STANDARD

EN IEC 60051-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2021

ICS 17.220.20

Supersedes EN 60051-4:1989 and all of its amendments
and corrigenda (if any)

English Version

Direct acting indicating analogue electrical measuring
instruments and their accessories title - Part 4: Special
requirements for frequency meters
(IEC 60051-4:2018)

Appareils mesureurs électriques indicateurs analogiques à
action directe et leurs accessoires - Partie 4: Exigences
particulières pour les fréquencesmètres
(IEC 60051-4:2018)

Direkt wirkend anzeigende analoge elektrische Messgeräte
und ihr Zubehör - Teil 4: Spezielle Anforderungen für
Frequenz-Messgeräte
(IEC 60051-4:2018)

This European Standard was approved by CENELEC on 2018-10-04. 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.

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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 60051-4:2021 (E)**European foreword**

The text of document 85/557/CDV, future edition 5 of IEC 60051-4, prepared by IEC/TC 85 "Measuring equipment for electrical and electromagnetic quantities" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60051-4:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-10-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-04-30 document have to be withdrawn

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60051-1	2016	Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts	EN 60051-1	2017
IEC 60051-9	-	Direct acting indicating analogue electrical measuring instruments and their accessories - Part 9: Recommended test methods	EN 60051-9	-

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Edition 5.0 2018-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Direct acting indicating analogue electrical measuring instruments and their accessories title – Part 4: Special requirements for frequency meters

Appareils mesureurs électriques indicateurs analogiques à action directe et leurs accessoires – Partie 4: Exigences particulières pour les fréquencemètres

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIRECT ACTING INDICATING ANALOGUE ELECTRICAL
MEASURING INSTRUMENTS AND THEIR ACCESSORIES TITLE –****Part 4: Special requirements for frequency meters**

FOREWORD

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International Standard IEC 60051-4 has been prepared by IEC technical committee 85: Measuring equipment for electrical and electromagnetic quantities.

This fifth edition cancels and replaces the fourth edition published in 1984. This edition constitutes a technical revision.

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

- a) updating of content in line with new editions of IEC 60051-1 and IEC 60051-9;
- b) addition of Annex A to specify the nonconformity classification of test items.