



BSI Standards Publication

Wearable electronic devices and technologies

Part 402-1: Performance measurement of fitness wearables — Test methods of glove-type motion sensors for measuring finger movements

National foreword

This British Standard is the UK implementation of EN IEC 63203-402-1:2022. It is identical to IEC 63203-402-1:2022.

The UK participation in its preparation was entrusted to Technical Committee AMT/9, Printed Electronics.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date

Text affected

English Version

Wearable electronic devices and technologies - Part 402-1:
Performance measurement of fitness wearables - Test methods
of glove-type motion sensors for measuring finger movements
(IEC 63203-402-1:2022)

Technologies et dispositifs électroniques prêts-à-porter -
Partie 402-1: Mesure des performances des dispositifs
prêts-à-porter d'activité physique - Méthodes d'essai des
capteurs de mouvement type gant pour le mesurage des
mouvements digitaux
(IEC 63203-402-1:2022)

Tragbare elektronische Geräte und Technologien - Teil 402-
1: Performance Messung von Fitness Wearables -
Prüfverfahren für handschuhartige Bewegungssensoren zur
Messung von Fingerbewegungen
(IEC 63203-402-1:2022)

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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

European foreword

The text of document 124/195/FDIS, future edition 1 of IEC 63203-402-1, prepared by IEC/TC 124 "Wearable electronic devices and technologies" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63203-402-1:2022.

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) 2023-09-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-12-09

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The text of the International Standard IEC 63203-402-1:2022 was approved by CENELEC as a European Standard without any modification.

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 62047-6	-	Semiconductor devices - Micro-electromechanical devices - Part 6: Axial fatigue testing methods of thin film materials	EN 62047-6	-
IEC 62951-1	-	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 1: Bending test method for conductive thin films on flexible substrates	-	-
ISO 291	-	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	-
ISO 21420	2020	Protective gloves - General requirements and test methods	EN ISO 21420	2020

INTERNATIONAL STANDARD

NORME INTERNATIONALE



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