



**BSI Standards Publication**

## **Wearable electronic devices and technologies**

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Part 402-3: Performance measurement of fitness wearables — Test methods for the determination of the accuracy of heart rate

## National foreword

This British Standard is the UK implementation of EN IEC 63203-402-3:2024. It is identical to IEC 63203-402-3:2024.

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

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English Version

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Performance measurement of fitness wearables - Test methods  
for the determination of the accuracy of heart rate  
(IEC 63203-402-3:2024)

Technologies et dispositifs électroniques prêts-à-porter -  
Partie 402-3: Mesurage de l'aptitude à la fonction des  
dispositifs prêts-à-porter pour les activités de mise en forme  
- Méthodes d'essai pour déterminer l'exactitude des  
mesures de la fréquence cardiaque  
(IEC 63203-402-3:2024)

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3: Leistungsmessverfahren für Fitness-Wearables -  
Testmethoden für die Bestimmung der Genauigkeit der  
Herzfrequenz  
(IEC 63203-402-3:2024)

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European Committee for Electrotechnical Standardization  
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## **European foreword**

The text of document 124/247/FDIS, future edition 1 of IEC 63203-402-3, 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 63203-402-3:2024.

The following dates are fixed:

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## WEARABLE ELECTRONIC DEVICES AND TECHNOLOGIES –

**Part 402-3: Performance measurement of fitness wearables –  
Test methods for the determination of the accuracy of heart rate**

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IEC 63203-402-3 has been prepared by IEC technical committee 124: Wearable electronic devices and technologies. It is an International Standard.

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| Draft        | Report on voting |
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| 124/247/FDIS | 124/259/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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