



**SLOVENSKI STANDARD**  
**SIST EN ISO 21178:2020**

**01-julij-2020**

**Nadomešča:**  
**SIST EN ISO 21178:2013**

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**Naprave za kontinuirni transport - Lahki trakovi tračnih transporterjev - Ugotavljanje električnih upornosti (ISO 21178:2020)**

Light conveyor belts - Determination of electrical resistances (ISO 21178:2020)

Leichte Fördergurte - Bestimmung der elektrischen Widerstände (ISO 21178:2020)

Courroies transporteuses légères - Détermination des résistances électriques (ISO 21178:2020)

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**Ta slovenski standard je istoveten z: EN ISO 21178:2020**

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**ICS:**

53.040.20      Deli za transporterje      Components for conveyors

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**en,fr,de**

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EUROPEAN STANDARD

EN ISO 21178

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN ISO 21178:2013

English Version

## Light conveyor belts - Determination of electrical resistances (ISO 21178:2020)

Courroies transporteuses légères - Détermination des résistances électriques (ISO 21178:2020)

Leichte Fördergurte - Bestimmung der elektrischen Widerstände (ISO 21178:2020)

This European Standard was approved by CEN on 18 January 2020.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## European foreword

This document (EN ISO 21178:2020) has been prepared by Technical Committee ISO/TC 41 "Pulleys and belts (including veebelts)" in collaboration with Technical Committee CEN/TC 188 "Conveyor belts" the secretariat of which is held by SNV.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2020, and conflicting national standards shall be withdrawn at the latest by August 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 21178:2013.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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INTERNATIONAL  
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Third edition  
2020-02

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**Light conveyor belts — Determination  
of electrical resistances**

*Courroies transporteuses légères — Détermination des résistances  
électriques*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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This document was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 188, *Conveyor belts*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 21178:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

- addition of terms and definitions;
- modifications to the figures and formulas;
- technical changes to the [Clauses 5, 6 and 7](#);
- deletion of Annex A;
- editorial modifications.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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