



SLOVENSKI STANDARD  
SIST EN 2591-102:2001  
01-januar-2001

**Aerospace series - Elements of electrical and optical connection - Test methods - Part 102: Examination of dimensions and mass**

Aerospace series - Elements of electrical and optical connection - Test methods - Part 102: Examination of dimensions and mass

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 102: Prüfung der Maße und Masse

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 102: Examen des dimensions et masse

<https://standards.iteh.ai/catalog/standards/sist/3fc090cd-63ba-4b43-afe9-e674d676e890/sist-en-2591-102-2001>

**Ta slovenski standard je istoveten z: EN 2591-102:1996**

**ICS:**

49.060 Štejni sistemi in oprema za letalstvo in zrakoplovstvo Aerospace electric equipment and systems

**SIST EN 2591-102:2001**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 2591-102:2001

<https://standards.iteh.ai/catalog/standards/sist/3fc090cd-63ba-4b43-afe9-e674d676e890/sist-en-2591-102-2001>

EUROPEAN STANDARD

EN 2591-102

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1996

ICS 49.060

Supersedes EN 2591-A2:1993

Descriptors: aircraft industry, aircraft equipment, connecting equipment, tests, verification, dimensional measurements, mass

English version

**Aerospace series - Elements of electrical and  
optical connection - Test methods - Part 102:  
Examination of dimensions and mass**

Série aérospatiale - Organes de connexion  
électrique et optique - Méthodes d'essais -  
Partie 102: Examen des dimensions et masses

Luft- und Raumfahrt - Elektrische und optische  
Verbindungselemente - Prüfverfahren - Teil 102:  
Prüfung der Maße und Masse

**(standards.iteh.ai)**

SIST EN 2591-102:2001

<https://standards.iteh.ai/catalog/standards/sist/3fc090cd-63ba-4b43-afe9-e674d676e890/sist-en-2591-102-2001>

This European Standard was approved by CEN on 1993-12-16. CEN 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

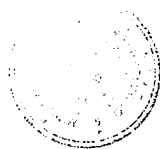
The alphanumerical designation of the parts of EN 2591 has been abandoned for a numerical designation in line with the Internal Regulations of CEN/CENELEC. This European Standard is the integral reproduction of the European Standard EN 2591-A2 after application of this decision, without any other modification than the change in numbering.

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 1996, and conflicting national standards shall be withdrawn at the latest by August 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

<https://standards.iteh.ai/catalog/standards/sist/63ba-4b43-afe9-e674d6963890/sist-en-2591-102-2001>



## 1 Scope

This standard specifies a method for checking the dimensions and mass of elements of electrical and optical connection.

It shall be used together with EN 2591.

## 2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 2591 Aerospace series - Elements of electrical and optical connection - Test methods - General

## 3 Means of measurement

The dimensions, mass, thickness of protection <sup>1)</sup> and surface roughness <sup>1)</sup> shall be checked by suitable measuring instruments or instruments required by the technical specification (example : gauge).

In the case of moving parts, backlash shall be eliminated before the dimensions are checked in both directions.

[SIST EN 2591-102:2001](https://standards.iteh.ai/catalog/standards/sist/3fc090cd-63ba-4b43-afe9-e674d676e890/sist-en-2591-102-2001)

<https://standards.iteh.ai/catalog/standards/sist/3fc090cd-63ba-4b43-afe9-e674d676e890/sist-en-2591-102-2001>

---

1) If required.