SLOVENSKI STANDARD
SIST EN 2591-324:2001

01-januar-2001

Aerospace series - Elements of electrical and optical connection - Test methods - Part 324: Interfacial sealing

Aerospace series - Elements of electrical and optical connection - Test methods - Part 324: Interfacial sealing

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 324: Stirnflächendichtheit

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 324: Etanchéité interfaciale

Ta slovenski standard je istoveten z: **EN 2591-324:1998**

ICS:

49.060	Letalska in vesoljska elektriļ na oprema in sistemi	Aerospace electric equipment and systems

SIST EN 2591-324:2001 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2591-324

June 1998

ICS 49.060

Descriptors: aircraft industry, aircraft equipment, connecting equipment, test

English version

Aerospace series - Elements of electrical and optical connection - Test methods - Part 324: Interfacial sealing

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Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 324: Stirnflächendichtheit

This European Standard was approved by CEN on 22 June 1997.

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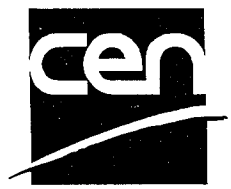
This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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



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).

After inquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

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 December 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

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

1 Scope

This standard specifies a method of verifying the interfacial sealing of elements of 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
EN 2591-206	Aerospace series - Elements of electrical and optical connection - Test methods - Part 206: Measurement of insulation resistance
EN 2591-207	Aerospace series - Elements of electrical and optical connection - Test methods - Part 207: Voltage proof test
EN 2591-311	Aerospace series - Elements of electrical and optical connection - Test methods - Part 311: Low air pressure [1)]
EN 2591-314	Aerospace series - Elements of electrical and optical connection - Test methods - Part 314: Immersion at low air pressure [1)]

3 Preparation of specimens

3.1 Specimens shall be prepared according to the technical specification.

Unwired cavities shall be fitted with filler plugs except for the central cavity which shall not be fitted with a contact or filler plug.

For specimens with an unprotected cable termination area (e.g. with solder contacts), a means of protection shall be used.

3.2 Unless specified in the technical specification, the following details shall be stated:

- mounting method, type of cable and definition of specimen wiring;
- initial measurements (if applicable);
- value of the pressure, if different from EN 2591-314;
- final measurements (if applicable);
- method according to EN 2591-206 and insulation resistance value;
- method according to EN 2591-207 and voltage value.

1) Published as AECMA Prestandard at the date of publication of this standard

4 Apparatus

See EN 2591-314.

5 Method

5.1 Initial measurements (if applicable)

They shall be carried out as specified.

5.2 Procedure

Immersion: see EN 2591-314.

5.3 Final measurements (if applicable)

- EN 2591-206
- EN 2591-207