

**SLOVENSKI STANDARD**  
**oSIST prEN 2997-014:2024**  
**01-maj-2024**

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**Aeronavtika - Konektorji, električni, okrogli, priključeni z navojnim obročkom, odporni ali neodporni proti ognju, s stalno delovno temperaturo med  $-65\text{ °C}$  in  $175\text{ °C}$ , stalno temperaturo  $200\text{ °C}$  in najvišjo temperaturo  $260\text{ °C}$  - 014. del: Podlaga s kvadratno prirobnico z vključenim priborom - Standard za proizvod**

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -  $65\text{ °C}$  to  $175\text{ °C}$  continuous,  $200\text{ °C}$  continuous,  $260\text{ °C}$  peak - Part 014: Square flange receptacle with integrated accessory - Product standard

Luft- und Raumfahrt - Elektrische Rundsteckverbinder mit Schraubkupplung, feuerbeständig oder nicht feuerbeständig, Betriebstemperaturen  $-65\text{ °C}$  bis  $175\text{ °C}$  konstant,  $200\text{ °C}$  konstant,  $260\text{ °C}$  Spitze - Teil 014: Fester Steckverbinder mit quadratischem Montageflansch und integriertem Endgehäuse - Produktnorm

Série aérospatiale - Connecteurs électriques circulaires à accouplement par bague fileté, résistant au feu ou non, températures d'utilisation -  $65\text{ °C}$  à  $175\text{ °C}$  continu,  $200\text{ °C}$  continu,  $260\text{ °C}$  en pointe - Partie 014 : Embase à fixation par collerette carrée avec accessoire intégré - Norme de produit

**Ta slovenski standard je istoveten z: prEN 2997-014**

**ICS:**

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

**oSIST prEN 2997-014:2024**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 2997-014**

January 2024

ICS 49.060

Will supersede EN 2997-014:2016

English Version

**Aerospace series - Connectors, electrical, circular, coupled  
by threaded ring, fire-resistant or non fire-resistant,  
operating temperatures - 65 °C to 175 °C continuous, 200  
°C continuous, 260 °C peak - Part 014: Square flange  
receptacle with integrated accessory - Product standard**

Série aérospatiale - Connecteurs électriques circulaires  
à accouplement par bague fileté, résistant au feu ou  
non, températures d'utilisation - 65 °C à 175 °C  
continu, 200 °C continu, 260 °C en pointe - Partie 014 :  
Embase à fixation par collerette carrée avec accessoire  
intégré - Norme de produit

Luft- und Raumfahrt - Elektrische Rundsteckverbinder  
mit Schraubkupplung, feuerbeständig oder nicht  
feuerbeständig, Betriebstemperaturen -65 °C bis 175  
°C konstant, 200 °C konstant, 260 °C Spitze - Teil 014:  
Fester Steckverbinder mit quadratischem  
Montageflansch und integriertem Endgehäuse -  
Produktnorm

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

CEN members are the national standards bodies of 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, Türkiye and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

**Warning** : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## European foreword

This document (prEN 2997-014:2024) has been prepared by ASD-STAN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 2997-014:2016.

prEN 2997-014:2024 includes the following significant technical changes with respect to EN 2997-014:2016:

- Figure 1: correction of false attachment of dimension G;
- Table 1: correction and addition of mass values;
- Document editorially revised.

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## prEN 2997-014:2024 (E)

### 1 Scope

This document specifies the characteristics of square flange mounted receptacles with integrated accessory in the family of circular electrical connectors coupled by threaded ring.

It applies to classes specified in Table 3.

For contacts, filler plugs associated with this receptacle, see EN 2997-002. For plugs, see EN 2997-008 and EN 2997-016 and for protective covers, see EN 2997-009.

### 2 Normative references

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.

EN 2997-001, *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 001: Technical specification*

EN 2997-002, *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 002: Specification of performance and contact arrangements*

EN 3155-002, *Aerospace series — Electrical contacts used in elements of connection — Part 002: List and utilization of contacts*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 2997-001 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp/>

— IEC Electropedia: available at <https://www.electropedia.org/>

### 4 Required characteristics

#### 4.1 Dimensions and mass

According to Figure 1 and Table 1.

Dimensions and tolerances are in millimetres; they apply after surface treatment.