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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  $175\text{ °C}$ , najvišjo  $200\text{ °C}$  - 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,  $200\text{ °C}$  peak - Part 014: Square flange receptacle with intergrated accessory - Product standard

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

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Série aérospatiale - Connecteurs électriques circulaires à accouplement par bague filetée, 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: FprEN 2997-014**

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**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

**kSIST FprEN 2997-014:2016**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**FprEN 2997-014**

December 2015

ICS 49.060

Will supersede EN 2997-014:2011

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 peak - Part 014: Square flange receptacle with  
intergrated accessory - Product standard**

Série aérospatiale - Connecteurs électriques circulaires  
à accouplement par bague filetée, 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 konstat, 200 °C konstat, 260 °C Spitze - Teil 014:  
Fester Steckverbinder mit quadratischem  
Montageflansch und integriertem Endgehäuse -  
Produktnorm

This draft European Standard is submitted to CEN members for formal vote. 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. -014:2016

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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: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (FprEN 2997-014:2015) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries 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 ASD, prior to its presentation to CEN.

This document is currently submitted to the Formal Vote.

This document will supersede EN 2997-014:2011.

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**FprEN 2997-014:2015 (E)****1 Scope**

This standard 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 class defined 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, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references,

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 2997-008, *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 008: Plug — Product standard*

EN 2997-009, *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 009: Protective cover for receptacle — Product standard*

EN 2997-016, *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 016: Plug with integrated accessory — Product standard*

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 standard, the terms and definitions given in EN 2997-001 apply.

**4 Required characteristics****4.1 Dimensions and mass**

See Figure 1 and Table 1.

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