

<b>STN</b>	<b>Letectvo a kozmonautika. Elektrické kruhové konektory spojené spojkou so závitom, ohňovzdorné alebo neohňovzdorné, pre trvalú prevádzkovú teplotu od -65 °C do 175 °C, 200 °C a špičkovú teplotu 260 °C. Časť 007: Vzduchotesná zásuvka s kruhovou prírubou pripevnenou zvaraním alebo tvrdým spájkovaním. Norma na výrobok.</b>	<b>STN EN 2997-007</b>  31 1751
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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 007: Hermetic receptacle with round flange attached by welding or brazing - Product standard

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/17

Obsahuje: EN 2997-007:2016

Oznámením tejto normy sa ruší  
STN EN 2997-007 (31 1751) z marca 2007

**124302**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2017  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

**EN 2997-007**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2016

ICS 49.060

Supersedes EN 2997-007:2006

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 007: Hermetic receptacle  
with round flange attached by welding or brazing -  
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 007 :  
Embase hermétique à collerette ronde fixée par  
soudure ou brasure - 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 007:  
Hermetischer fester Steckverbinder mit rundem  
Schweiß- oder Lötflansch - Produktnorm

This European Standard was approved by CEN on 4 April 2016.

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 CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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 (EN 2997-007:2016) 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 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 March 2017, and conflicting national standards shall be withdrawn at the latest by March 2017.

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

This document supersedes EN 2997-007:2006.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies the characteristics of hermetic receptacles with round flange attached by welding or brazing in the family of circular electrical connectors coupled by threaded ring.

It applies to the class defined in Table 3.

For plugs and protective covers, see EN 2997-008 and EN 2997-009 respectively.

## 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, 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 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*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**