SLOVENSKI STANDARD
SIST EN 4529-002:2019

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Aeronavtika - Električni in optični spojni elementi - Tesnilni čepi - 002. del: Seznam standardov za proizvod

Aerospace series - Elements of electrical and optical connection - Sealing plugs - Part 002: Index of product standards

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Verschluß-Stopfen - Teil 002: Übersicht über die Einzelnormen

Série aérospatiale - Organes de connexion électrique et optique - Obturateur d'étanchéité - Partie 002 : Liste des normes de produit

Ta slovenski standard je istoveten z: **EN 4529-002:2019**

ICS:

49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

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EUROPEAN STANDARD
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English Version

Aerospace series - Elements of electrical and optical connection - Sealing plugs - Part 002: Index of product standards

Série aérospatiale - Organes de connexion électrique et optique - Obturateur d'étanchéité - Partie 002 : Liste des normes de produit

Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Blindstopfen - Teil 002: Übersicht über die Produktnormen

This European Standard was approved by CEN on 20 August 2018.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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

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Contents

Page

European foreword

This document (EN 4529-002:2019) 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 December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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

This document supersedes EN 4529-002:2006.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European standard lists the product standards for sealing plugs for elements of electrical and optical connection covered by technical specification EN 4529-001.

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 3218-001, *Aerospace series — Connectors, rectangular, with metallic shells and screw-locking — Part 001: Technical specification*

EN 3372-001, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures – 65 °C to 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3545-001, *Aerospace series — Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures – 55 °C to 175 °C — Part 001: Technical specification*

EN 3645-001, *Aerospace series — Connectors, electrical, circular, scoop-proof, triple start threaded coupling, operating temperatures 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3646-001, *Aerospace series — Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3682-001, *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 001: Technical specification*

EN 3708-001, *Aerospace series — Modular interconnection systems — Terminal junction systems — Part 001: Technical specification*

EN 4529-001, *Aerospace series — Elements of electrical and optical connection — Sealing plugs — Part 001: Technical specification*

EN 4529-003, *Aerospace series — Elements of electrical and optical connection — Sealing plugs — Part 003: Class T — Product standard*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at http://www.iso.org/obp

4 Index of product standards and associated connectors

Table 1 lists the sealing plugs to be used in different connector types.

Table 1

Product standard EN 4529-	Temperature °C	Model code	Elements of connection insert style	Elements of connection
003	260 (Class T)	N (Normal)	Pin insert and socket insert	EN 2997-001 EN 3218-001 EN 3372-001 EN 3545-001 EN 3645-001 EN 3646-001 EN 3682-001 EN 3708-001