SLOVENSKI STANDARD
SIST EN 4529-002:2009

01-september-2009

Aeronavtika - Elementi elektriļnih in optiļnih povezav - Tesnilni ļepi - 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

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

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Ta slovenski standard je istoveten z: **EN 4529-002:2006**

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

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2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4529-002

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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

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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.

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SIST EN 4529-002:2009

Contents

Page

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 4529-002:2009
https://standards.iteh.ai/catalog/standards/sist/69112679-0d1c-438c-afc3-f43b48d351dd/sist-en-4529-002-2009

SIST EN 4529-002:2009

Foreword

This European Standard (EN 4529-002:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 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 November 2006, and conflicting national standards shall be withdrawn at the latest by November 2006.

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.

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

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1 Scope

This 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 referenced documents are indispensable for the application 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.* [1)]

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.*

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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.*

SIST EN 4529-002:2009
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EN 3646-001, *Aerospace series — Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous — Part 001: Technical specification.* [1)]

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 4067-001, *Aerospace series — Connectors, electrical, circular, scroop-proof, coupled by threaded ring, fire-resistant, operating temperature 260 °C peak — Part 001: Technical specification.* [1)]

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 Index of product standards and associated connectors

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

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

SIST EN 4529-002:2009

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
			Pin insert	EN 4067-001
		L (Long)	Socket insert	EN 4067-001

NOTE Long sealing plugs can be used in the place of normal sealing plugs but the extra length will protrude beyond the rear of the insert a greater amount than the recommended combinations listed above.

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