

SLOVENSKI STANDARD

SIST EN 4626-004:2008

01-julij-2008

Aeronavtika - Konektorji, optil' ni, pravokotni, vel' kontaktni, s stojalom in ploš' o, vdolbina Quadrax, s premerom kapice 2,5 mm - Delovna temperatura -65 ºC do 125 ºC (odvisna od kabla) - Izravnani kontakti - 004. del: Adapter za vtil' nico

Aerospace series - Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule - Operating temperatures - 65 °C to 125 °C (cable dependent) - Flush contacts - Part 004: Adaptor for receptacle

Luft- und Raumfahrt - Optische Rechtecksteckverbinder, Quadrax-Kontaktkammer, Durchmesser 2,5 mm Ferrule - Betriebstemperaturen - 65 °C bis 125 °C (vom Kabel abhängig) - Bündige Kontakte - Teil 004: Kontaktadapter für festen Steckverbinder

Série aérospatiale - Connecteurs, optique, rectangulaire, à contacts multiples, rackables, cavité Quadrax, férule diamètre 2,5 mm - Température d'utilisation - 65 °C à 125 °C (selon câble) - Contacts affleurants - Partie 004 : Adaptateur pour embase

Ta slovenski standard je istoveten z: EN 4626-004:2008

ICS:

49.060

Letalska in vesoljska
elektri' na oprema in sistemi

Aerospace electric
equipment and systems

SIST EN 4626-004:2008

en

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English Version

Aerospace series - Connectors, optical, rectangular,
multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter
ferrule - Operating temperatures - 65 °C to 125 °C (cable
dependent) - Flush contacts - Part 004: Adaptor for receptacle

Série aérospatiale - Connecteurs, optique, rectangulaire, à
contacts multiples, rackables, cavité Quadrax, fêrûle
diamètre 2,5 mm - Température d'utilisation - 65 °C à 125
°C (selon câble) - Contacts affleurants - Partie 004 :
Adaptateur pour embase

Luft- und Raumfahrt - Optische Rechtecksteckverbinder,
Quadrax-Kontaktkammer, Durchmesser 2,5 mm Ferrule -
Betriebstemperaturen - 65 °C bis 125 °C (vom Kabel
abhängig) - Bündige Kontakte - Teil 004: Kontaktadapter für
festen Steckverbinder

This European Standard was approved by CEN on 28 December 2007.

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 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 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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Foreword

This document (EN 4626-004:2008) 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 October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

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 standard was reviewed by the Domain Technical Coordinator of ASD-STAN's Electrical Domain.

After inquiries and votes carried out in accordance with the rules of ASD-STAN defined in ASD-STAN's General Process Manual, this standard has received approval for Publication.

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, 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 specifies the characteristics of the male adaptor for optical terminus in receptacle.

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 4626-001, *Aerospace series — Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule — Operating temperatures – 65 °C to 125 °C (cable dependent) — Flush contacts — Part 001: Technical specification.* ¹⁾

EN 4626-101, *Aerospace series — Connectors, optical, rectangular, multicontact, rack and panel, Quadrax cavity, 2,5 mm diameter ferrule — Operating temperatures – 65 °C to 125 °C (cable dependent) — Flush contacts — Part 101: Optical contact (sub-assembly) for plug — Product standard.* ¹⁾

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 4626-001 apply.

4 Required characteristics

4.1 Dimensions and masses

See Figure 1.

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1) Published as ASD-STAN Prestandard at the date of publication of this standard.

Dimensions and tolerances are in millimetres.

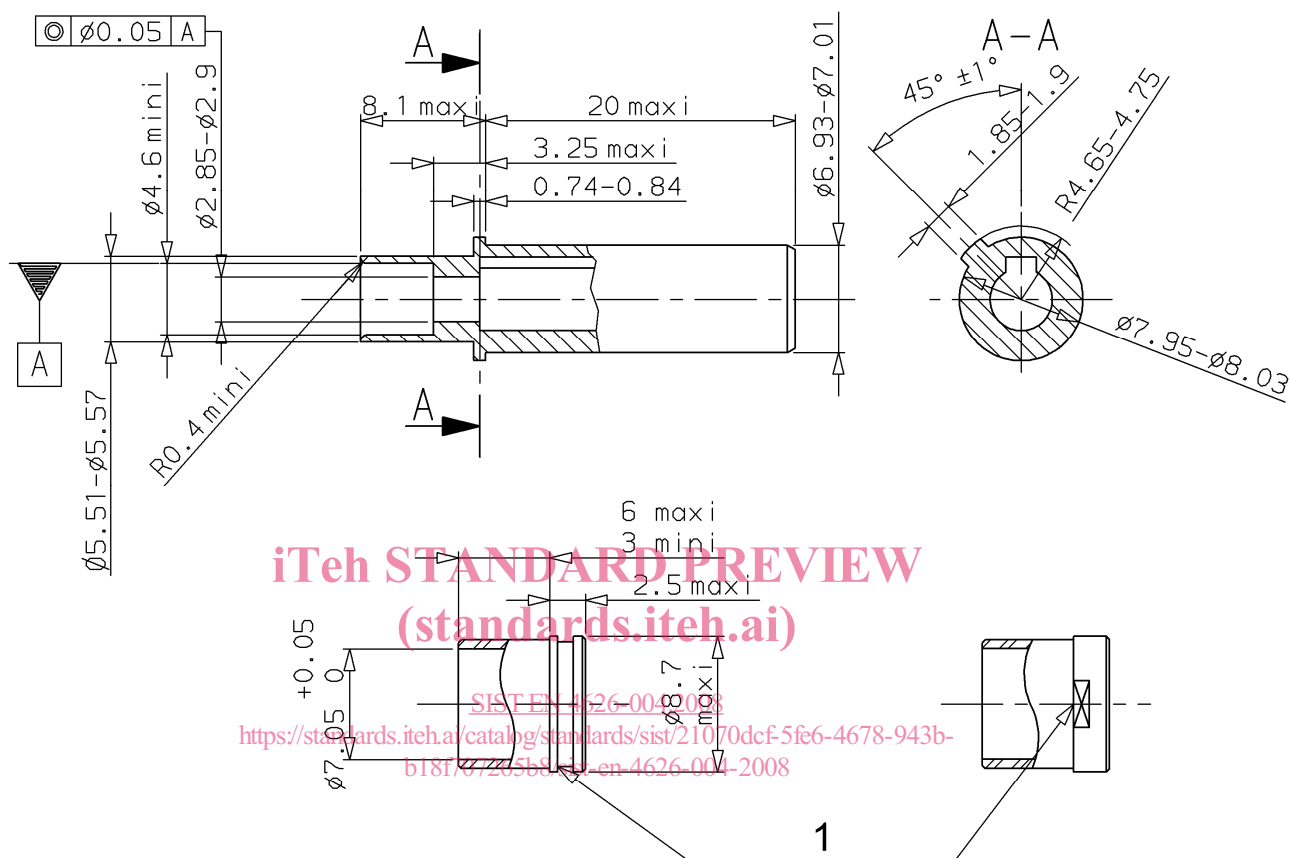


Figure 1

Mass maximum of adaptor: $(4,7 \pm 0,3)$ g.

Alignment boot is mandatory for use and defined by the product standard.

4.2 Optical, mechanical and climatic characteristics

See EN 4626-101.

4.3 Material

Body: Metallic or composite compatible with the product standard.

5 Designation

EXAMPLE

Description block		Identity block
MALE ADAPTOR		<u>EN4626-004</u>
Number of this standard		

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