SLOVENSKI STANDARD
SIST EN 4626-003:2008

01-julij-2008

Aeronavtika - Konektorji, optiļ ni, pravokotni, veļ kontaktni, s stojalom in ploģļ o, vdolbina Quadrax, s premerom kapice 2,5 mm - Delovna temperatura - 65 ĆC do 125 ĆC (odvisna od kabla) - Izravnani kontakti - 003. del: Adapter za vtiļ

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 003: Adaptor for plug

Luft- und Raumfahrt - Optische Rechtecksteckverbinder, Quadrax-Kontaktkammer, Durchmesser 2,5 mm Ferrule - Betriebstemperaturen - 65 °C bis 125 °C (vom Kabel abhängig) - Bündige Kontakte - Teil 003: Kontaktadapter für freien 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 003 : Adaptateur pour fiche

Ta slovenski standard je istoveten z: EN 4626-003:2008

ICS:

49.060	Letalska in vesoljska elektriļ na oprema in sistemi	Aerospace electric equipment and systems

SIST EN 4626-003:2008 en

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4626-003

April 2008

ICS 49.060

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 003: Adaptor for plug

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 003 : Adaptateur pour fiche

Luft- und Raumfahrt - Optische Rechtecksteckverbinder, Quadrax-Kontaktkammer, Durchmesser 2,5 mm Ferrule - Betriebstemperaturen - 65 °C bis 125 °C (vom Kabel abhängig) - Bündige Kontakte - Teil 003: Kontaktadapter für freien 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.

CEN members are the national standards bodies of 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 United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Ref. No. EN 4626-003:2008: E

Contents

Page

Foreword

This document (EN 4626-003:2008) 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.

1 Scope

This standard specifies the characteristics of the female adaptor for optical terminus in plug.

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.

Dimensions and tolerances are in millimetres.

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

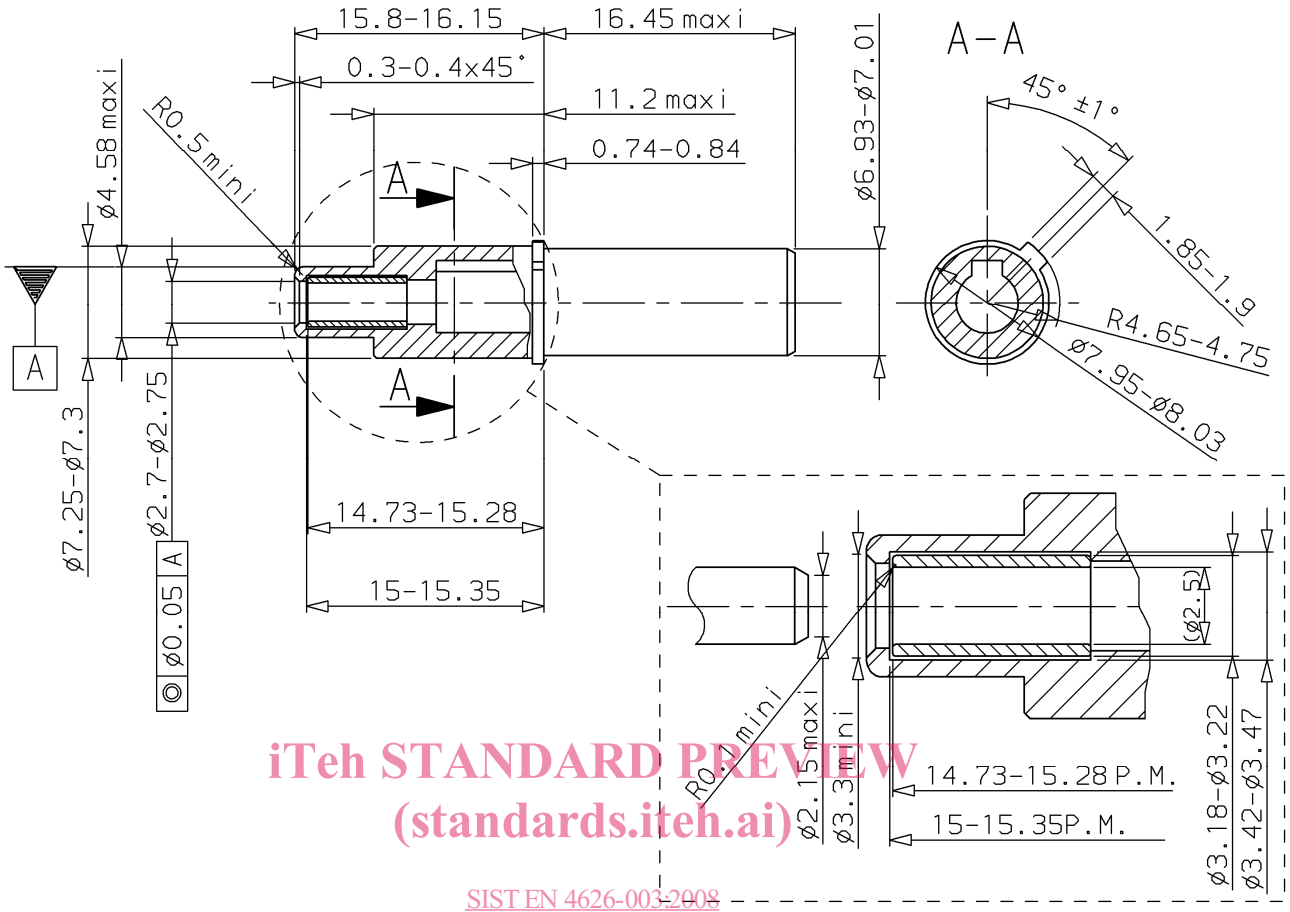

Figure 1

Mass maximum of adaptor: (6,1 ± 0,3) g.

4.2 Optical, mechanical and climatic characteristics

See EN 4626-101.

4.3 Material

4.3.1 Body

Metallic or composite compatible with the product standard.

4.3.2 Alignment sleeve

See Table 1.

Table 1

Sleeve material code	Recommended use	Material
01	Single mode silica fibre Multimode silica fibre (50/125 - 62,5/125 - 100/140) µm	Zirconia ceramic or similar
02	Multimode fibre	Phosphor bronze or similar

5 Designation

EXAMPLE

	Description block	Identity block
	FEMALE ADAPTOR	**EN4626-003-01**

Number of this standard

Sleeve material code (see Table 1)