



# SLOVENSKI STANDARD

**SIST EN 4165-022:2008**

**01-junij-2008**

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5 YfcbUj H\_U!`?cbY\_hcf]jzYY\_hf] b]ždfUj c\_cHb]ža cXi `Ufb]!`GHUbUXYcj bU  
Hya dYfUh fU%+) .š7 !'\$&&"XY. CfcXnUj gHuj `UbM#XglfUbMj UbMja cXi `cj !  
GHUbXUfX'nUdfc]nj cX

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 022: Insertion/extraction tool for removal of modules - Product standard

## iTeh STANDARD PREVIEW

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder in modularer Bauweise - Betriebstemperatur 175 °C konstant - Teil 022: Einsetz- und Auszugswerkzeug für die Module - Produktnorm

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Série aérospatiale - Connecteurs électriques rectangulaires modulaires - Température d'utilisation 175 °C continu - Partie 022 : Outils d'insertion/extraction pour modules - Norme de produit

**Ta slovenski standard je istoveten z: EN 4165-022:2005**

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### ICS:

49.060 Ščap\as Á^•[ |b\æ Aerospace electric  
^|\dā}as] |^{\ as Áac{ ä equipment and systems

**SIST EN 4165-022:2008**

**en,de**

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November 2005

ICS 49.060

English Version

Aerospace series - Connectors, electrical, rectangular, modular -  
Operating temperature 175 °C continuous - Part 022:  
Insertion/extraction tool for removal of modules - Product  
standard

Série aérospatiale - Connecteurs électriques rectangulaires  
modulaires - Température d'utilisation 175 °C continu -  
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Norme de produit

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder  
in modularer Bauweise - Betriebstemperatur 175 °C  
konstant - Teil 022: Einsetz- und Auszugswerkzeug für die  
Module - Produktnorm

This European Standard was approved by CEN on 30 September 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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



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COMITÉ EUROPÉEN DE NORMALISATION  
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## **Foreword**

This European Standard (EN 4165-022:2005) 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 May 2006, and conflicting national standards shall be withdrawn at the latest by May 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, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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## **1 Scope**

This standard defines the insertion/extraction tool for removal of modules used in the family of rectangular electrical connectors.

## **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 4165-001, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification*.

## **3 Terms and definitions**

For the purposes of this standard, the terms and definitions given in EN 4165-001 apply.

## **4 Required characteristics**

See Figure 1 and Figure 2.

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## 5 Insertion/extraction tool

### 5.1 For standard mounted module

Dimensions are in millimetres.

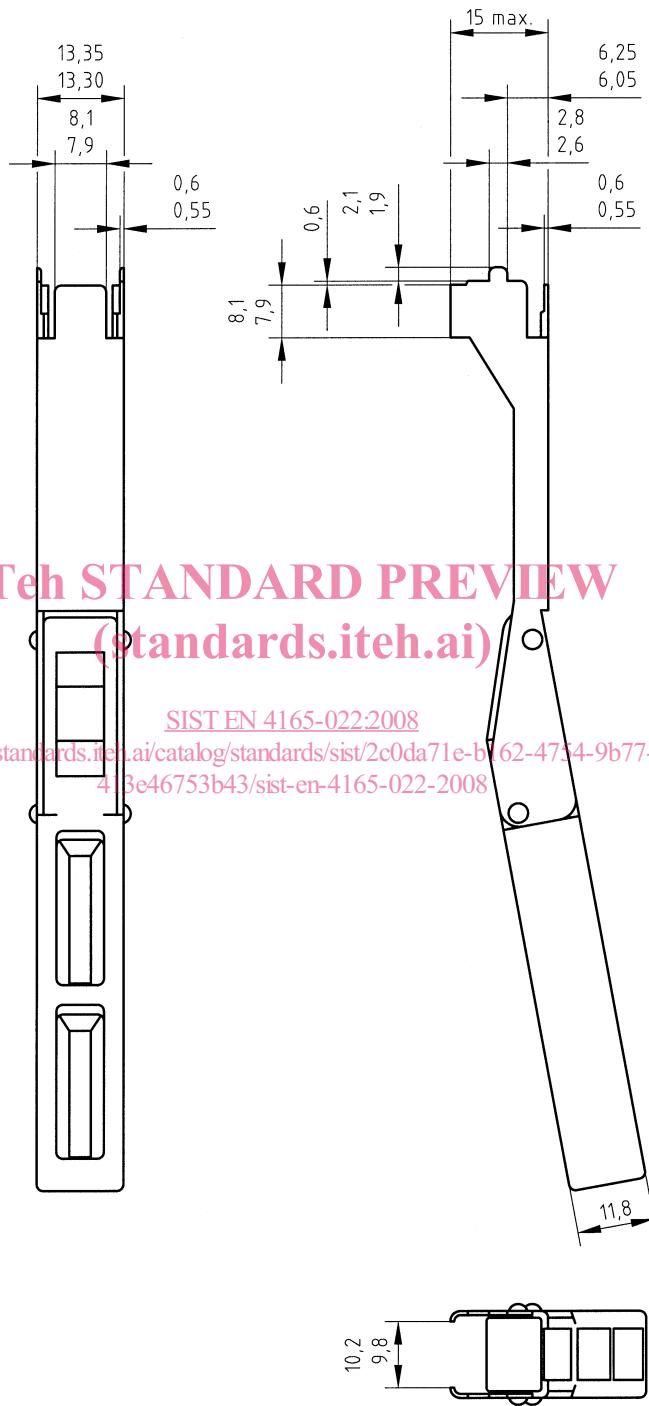


Figure 1

## 5.2 For sealed mounted module

Dimensions are in millimetres.

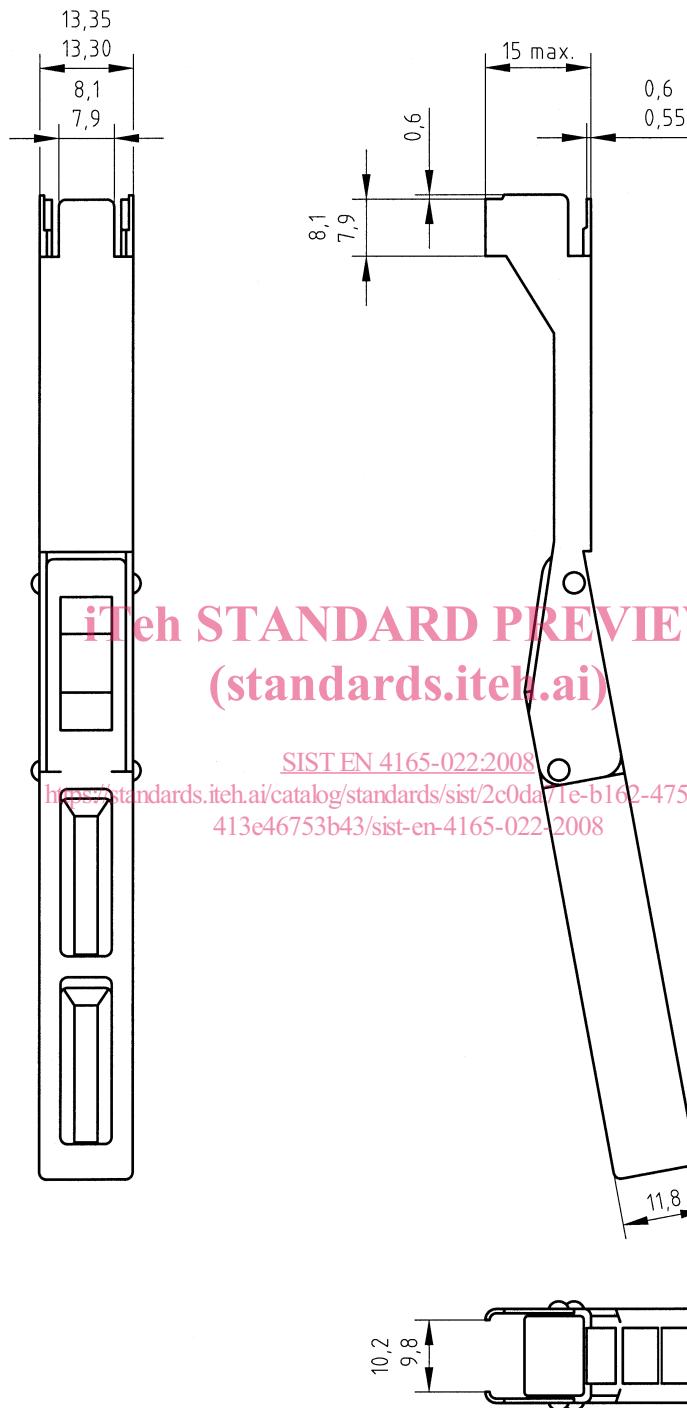


Figure 2