

SLOVENSKI STANDARD

SIST EN 4165-022:2020

01-januar-2020

Nadomešča:

SIST EN 4165-022:2008

Aeronavtika - Konektorji, električni, pravokotni, modularni - Stalna delovna temperatura 175 °C - 022. del: Orodje za vstavljanje/odstranjanje modulov - Standard za proizvod

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

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

[SIST EN 4165-022:2020](#)

<https://standards.itteh.ai/catalog/standards/sist/43e9a189-f939-4059-b518-2f2e350d002d/sist-en-4165-022-2020>

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 4165-022:2019

ICS:

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

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en,fr,de

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EUROPEAN STANDARD

EN 4165-022

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 49.060

Supersedes EN 4165-022:2005

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 - Partie 022 : Outils
d'insertion/extraction pour modules - Norme de
produit

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

This European Standard was approved by CEN on 24 December 2017.

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

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 4165-022:2019) 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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 4165-022:2005.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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EN 4165-022:2019 (E)**1 Scope**

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

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 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 document, the terms and definitions given in EN 4165-001 apply.

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

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

4 Required characteristics

See Figure 1 and Figure 2.

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5 Insertion/extraction tool

5.1 For extraction of sealed and standard modules

See Figure 1.

Dimensions in millimetres.

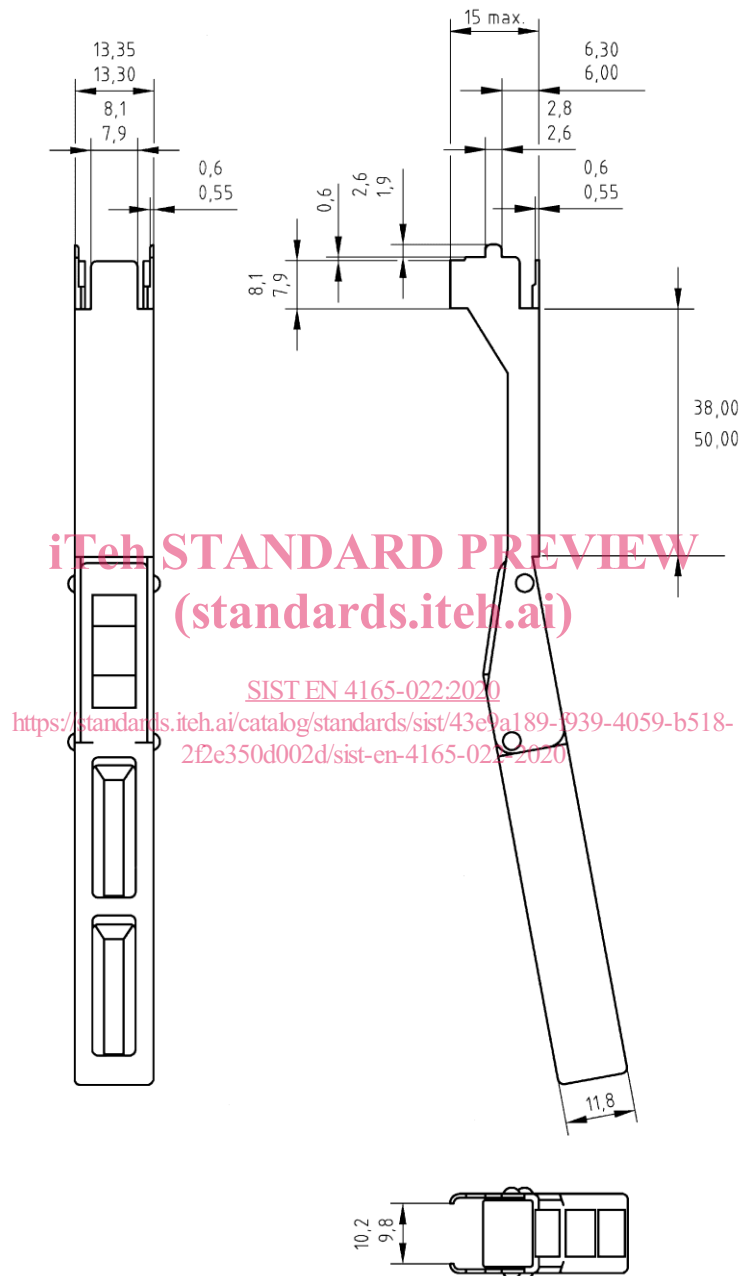


Figure 1

EN 4165-022:2019 (E)

5.2 For insertion of sealed and standard modules

See Figure 2.

Dimensions in millimetres.

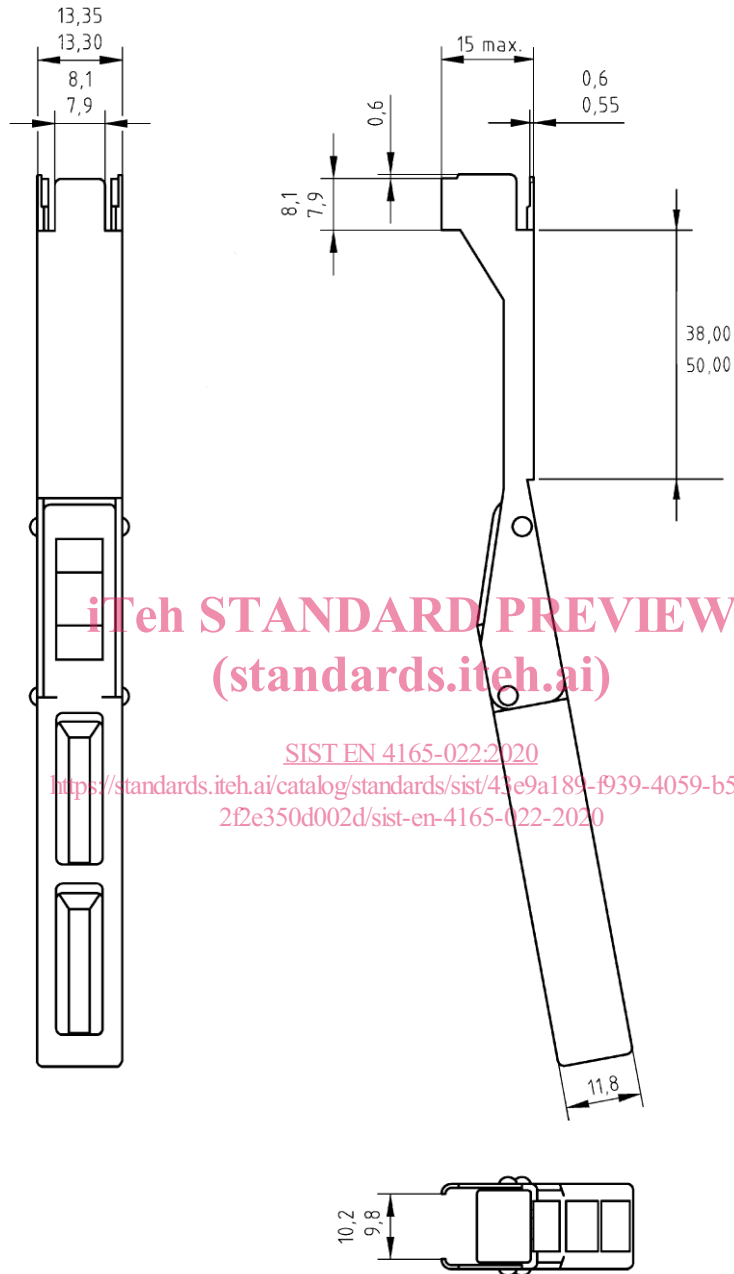


Figure 2