
Aeronavtika - Dodatki za okrogle in pravokotne električne in optične konektorje - 003. del: Tesnilna matica, tip A - Standard za proizvod

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 003: Grommet nut, style A - Product standard

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 003: Dichtungsmutter, Bauform A - Produktnorm

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 003 : Écrou de passe-fil, type A - Norme de produit

Ta slovenski standard je istoveten z: EN 3660-003:2023

[SIST EN 3660-003:2023](#)

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

SIST EN 3660-003:2023**en,fr,de**

EUROPEAN STANDARD

EN 3660-003

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2023

ICS 49.060

Supersedes EN 3660-003:2018

English Version

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This European Standard was approved by CEN on 9 July 2023.

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.

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COMITÉ EUROPÉEN DE NORMALISATION
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EN 3660-003:2023 (E)

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European foreword

This document (EN 3660-003:2023) 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 document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, 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 April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

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 3660-003:2018.

EN 3660-003:2023 includes the following significant technical changes with respect to EN 3660-003:2018:

- Table 1: mass for classes N, A, W, T and Z, shell size 28 updated;
- editorial revision of the document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, 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, Türkiye and the United Kingdom.

EN 3660-003:2023 (E)**1 Scope**

This document specifies a range of grommet nuts, style A, for use under the following conditions:

Associated electrical connector(s): EN 3660-002

Temperature range, Class N: -65 °C to 200 °C

Class W: -65 °C to 175 °C

Class K: -65 °C to 260 °C

Class A: -65 °C to 200 °C

Class T: -65 °C to 175 °C

Class Z: -65 °C to 175 °C

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 2591 (all parts), *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 3660-001, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 001: Technical specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 3660-001 apply.

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

— ISO Online browsing platform: available at <https://www.iso.org/obp/>

— IEC Electropedia: available at <https://www.electropedia.org/>

<https://standards.iteh.ai/catalog/standards/sist/6d229948-fe2e-41f8-bd31-9220b31abb32/sist-en-3660-003-2023>

4 Characteristics**4.1 Dimensions and mass**

Dimensions and mass according to Figure 1 and Table 1.

Interface dimensions according to 4.2.