

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005: Cable outlet, style A, 90°, unsealed with clamp strain relief - Product standard (corrected version 05.2019)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3660-005:2018 sisaldab Euroopa standardi EN 3660-005:2018+AC:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 3660-005:2018 consists of the English text of the European standard EN 3660-005:2018+AC:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.05.2019.	Date of Availability of the European standard is 01.05.2019.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 49.060

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English Version

**Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 005:
Cable outlet, style A, 90°, unsealed with clamp strain relief
- Product standard**

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 005 : Raccord, type A, coudé à 90°, non étanche, avec brides serre-câbles - Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 005: Endgehäuse, Bauform A, 90° Ausführung, nicht abgedichtet, mit Zugentlastungsklemme - Produktnorm

This European Standard was approved by CEN on 11 June 2018 and includes Corrigendum issued by CEN on 1 May 2019.

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

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European foreword

This document (EN 3660-005:2018+AC: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 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 November 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.

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 includes Corrigendum 1 issued by CEN on 1 May 2019.

This document supersedes AC EN 3660-005:2018 AC.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags AC AC.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

1 Scope

This European Standard defines a range of cable outlets, style A, 90°, unsealed with clamp strain relief 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 260 °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-*, *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 2997 (all parts), *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak*

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

EN 3660-002, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 002: Index of product standards*

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:

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

4 Characteristics

4.1 Dimensions and mass

For dimensions and mass, see Figure 1 and Table 1.

For interface dimensions, see 4.2.

* All parts quoted in this European Standard.