
Aeronavtika - Dodatki za okrogle in pravokotne električne in optične konektorje - 011. del: Kabelska spojka, tip K, 90°, oklopljena, tesnjena, za toplotno skrčljive dele - Standard za proizvod

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 011: Cable outlet, style K, 90°, shielded, sealed, for heat shrinkable boot - Product standard

Luft- und Raumfahrt - Endgehäuse für Elektrische und optische rund- und rechtecksteckverbinder - Teil 011: Endgehäuse, Bauform K, 90°, Ausführung, Schirmanschluß, abgedichtet, für wärmeschrumpfende Bauteile - Produktnorm

[SIST EN 3660-011:2010](https://standards.iteh.ai/catalog/standards/sist/3a7d7483-1677-4850-b66e-4a91b220c1e0/sist-en-3660-011-2010)

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 011 : Raccord, type K, coudé 90 °, blindé, étanche, pour manchon thermorétractable - Norme de produit

Ta slovenski standard je istoveten z: EN 3660-011:2010

ICS:

49.060

Letalska in vesoljska
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Aerospace electric
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EUROPEAN STANDARD
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EN 3660-011

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English Version

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This European Standard was approved by CEN on 19 May 2010.

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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.

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Characteristics	4
5 Identification	15
6 Marking	15
7 Technical specification	15

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Foreword

This document (EN 3660-011:2010) 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 December 2010, and conflicting national standards shall be withdrawn at the latest by December 2010.

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.

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EN 3660-011:2010 (E)**1 Scope**

This European Standard defines a range of cable outlets, style K, 90°, shielded, sealed for heat shrinkable boots, 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

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 2591-100*, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

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*

EN 3660-033, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 033: Band — Product standard*¹⁾

SAE AS85049, *Connector accessories, electrical general specification*²⁾

3 Terms and definitions

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

4 Characteristics**4.1 Dimensions and mass****4.1.1 General**

For interface dimensions, see 4.2.

* All parts quoted in this standard.

1) In preparation at the date of publication of this standard.

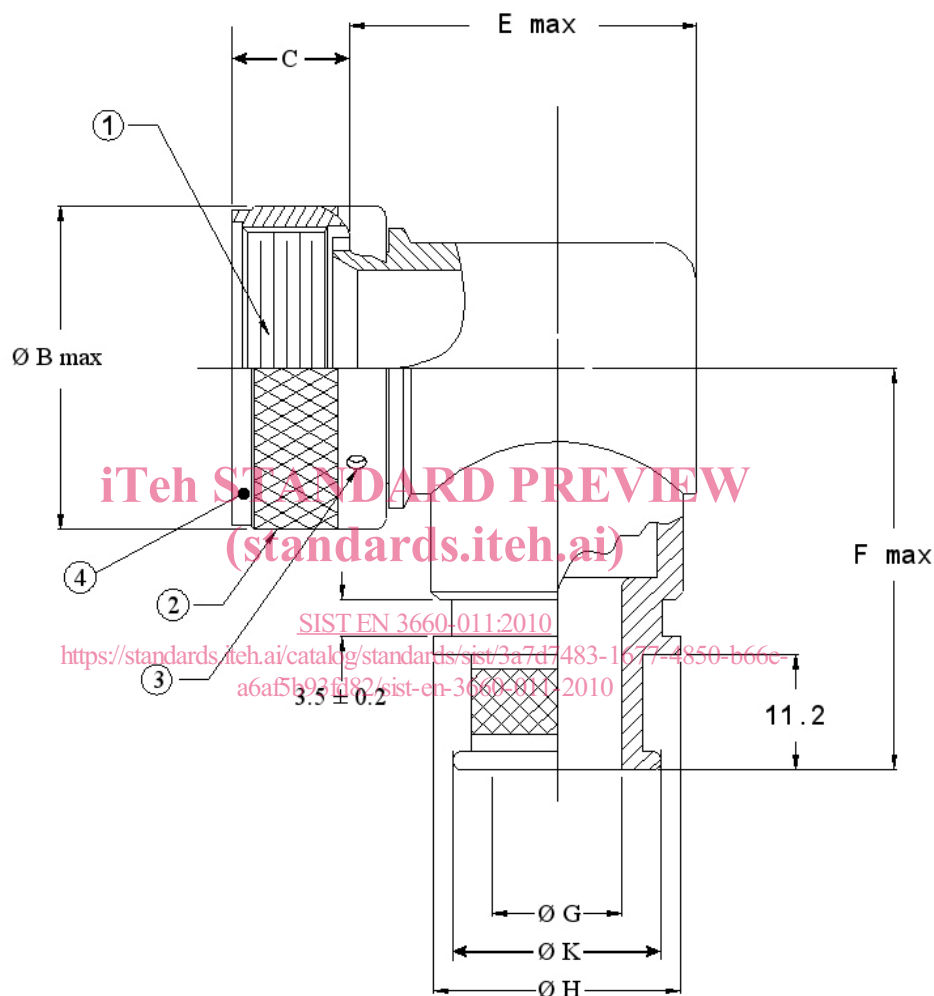
2) Published by: Society of Automotive Engineers (SAE), (www.sae.org).

4.1.2 Cable outlet variant A

Classes N and W.

For screen attachment with banding band, see EN 3660-033.

For dimensions and mass, see Figure 1 and Tables 1, 2 and 3.



Key

- 1 Thread *A*
- 2 Knurl style, manufacturer's option
- 3 Three equally spaced holes for max. 0,51 safety wire
- 4 Manufacturer's mark and part number

NOTE On both variants, coupling nut to be captive on cable outlet body but free to rotate.

Figure 1

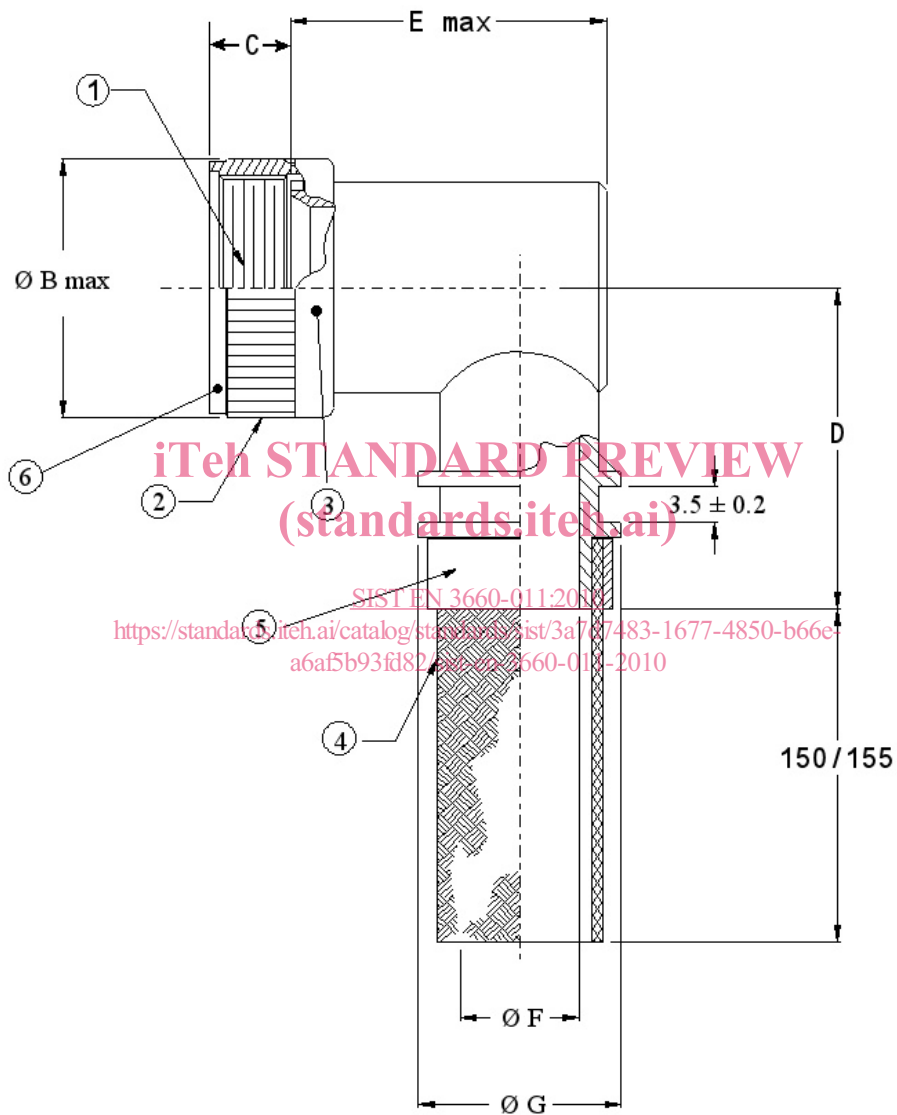
EN 3660-011:2010 (E)

4.1.3 Cable outlet variant B

Class K only.

Screen pre-terminated by manufacturer.

For dimensions and mass, see Figure 2 and Tables 1, 4 and 5.



Key

- 1 Thread A
- 2 Knurl style, manufacturer's option
- 3 Three equally spaced holes for max. 0,51 mm safety wire
- 4 Screen/shield
- 5 Screen termination device
- 6 Manufacturer's mark and part number

Figure 2

Table 1 — Dimensions common to both variants

Dimensions in millimetres

Shell size	<i>A</i> Thread Class 2B inches	$\varnothing B$ 0 – 1,14	<i>C</i> 0 – 0,56
08	0.500-24 UNF	15,67	7,75
10	0.625-24 UNEF	18,64	
12	0.750-20 UNEF	21,79	
14	0.875-20 UNEF	24,99	
16	1.000-20 UNEF	28,24	
18	1.063-18 UNEF	30,94	
20	1.188-18 UNEF	34,16	
22	1.312-18 UNEF	37,29	
24	1.438-18 UNEF	40,46	
28	1.750-18 UNS	50,01	

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Table 2 — Dimension, mass and maximum cable entry codes for variant A cable outlet

Dimensions in millimetres

Shell size	Cable entry code max.	<i>E</i> max.	<i>F</i> max.	Mass Classes N and W Class K g max.	
08	B	28,45	43,94	7,5	19,5
10	D	31,75	46,99	9,5	26,0
12	F	35,05	47,50	11,5	31,0
14	G	36,58	49,28	—	—
16	J	39,62	51,56	—	—
18	K	44,45	55,88	16,0	43,5
20	M	44,45	55,88	21,0	58,0
22	P	50,80	58,67	23,5	64,5
24	R	50,80	58,67	26,50	72,5
28	T	—	—	—	—