

# SLOVENSKI STANDARD

## SIST EN 3733-105:2008

01-julij-2008

5 YfcbUj h\_U! ?cbY\_lcfžcdh] b]žc\_fc[ `]žYbc\_UbUb]ždf]\_`f Yb'g'gUa cnU`Ydb]a  
cVfc \_ca žghUbuXYcj bUHYa dYfUi fUXc`% \$ š7 ``!%\$) "XY. G`YdUj h] b]WU'n  
Xj c`i \_b`Ughc`df]fcVb]Wc`!`GhUbXUfX`nUdfc]nj cX

Aerospace series - Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous - Part 105: Receptacle connector dummy two holes fixing - Product standard

Luft- und Raumfahrt - Optischer Rundsteckverbinder einpolig Schraubkupplung, Betriebstemperatur 150 °C konstant - Teil 105: Blindsteckdose mit zweilochflansch - Produktnorm

Série aérospatiale - Connecteur optique circulaire monovoie à accouplement par bague filetée, température d'utilisation 150 °C continu - Partie 105 : Embase de repos, deux trous de fixation - Norme de produit

**Ta slovenski standard je istoveten z: EN 3733-105:2008**

### ICS:

49.060 Š^c\ æš Ą^•[ |b\ æ Aerospace electric  
^|\ dā} æ] !^{\ æš Ą ā c^{\ ā equipment and systems

**SIST EN 3733-105:2008**

**en**

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English Version

Aerospace series - Connector, optical, circular, single channel,  
coupled by self-locking ring, operating temperature up to 150 °C  
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Série aéronautique - Connecteur optique circulaire  
monovoie à accouplement par bague fileté, température  
d'utilisation 150 °C continu - Partie 105 : Embase de repos,  
deux trous de fixation - Norme de produit

Luft- und Raumfahrt - Optischer Rundsteckverbinder  
einpölig Schraubkupplung, Betriebstemperatur 150 °C  
konstant - Teil 105: Blindsteckdose mit zweilochflansch -  
Produktnorm

This European Standard was approved by CEN on 19 January 2008.

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 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 Management Centre has the same status as the official versions.

[SIST EN 3733-105:2008](https://standards.iteh.ai/catalog/standards/sist/cca452f5-805f-47b3-9c02-d6c280c2a1e4/en-3733-105-2008)

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

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## Foreword

This document (EN 3733-105:2008) 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 October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

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, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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## 1 Scope

This standard specifies the characteristics of receptacle connector dummy two holes fixing for single channel fibre optic plug connectors, operating temperature up to 150 °C.

Connector interface dimensions, table of tests and qualification approval requirements, are contained in the Technical Specification EN 3733-001. EN 3733-002, List of product standards, includes the listings of product types, codification and applicable combinations of product types.

## 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 3733-001, *Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous — Part 001: Technical specification.*<sup>1)</sup>

EN 3733-002, *Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous — Part 002: List of product standards.*

EN 3733-003, *Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous — Part 003: Plug connector for cable to EN 4532 — Product standard.*

EN 3733-004, *Aerospace series — Connector, optical, circular, single channel, coupled by self-locking ring, operating temperature up to 150 °C continuous — Part 004: Receptacle, connector, four hole fixing for cable to EN 4532 — Product standard.*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 2591-100 apply.

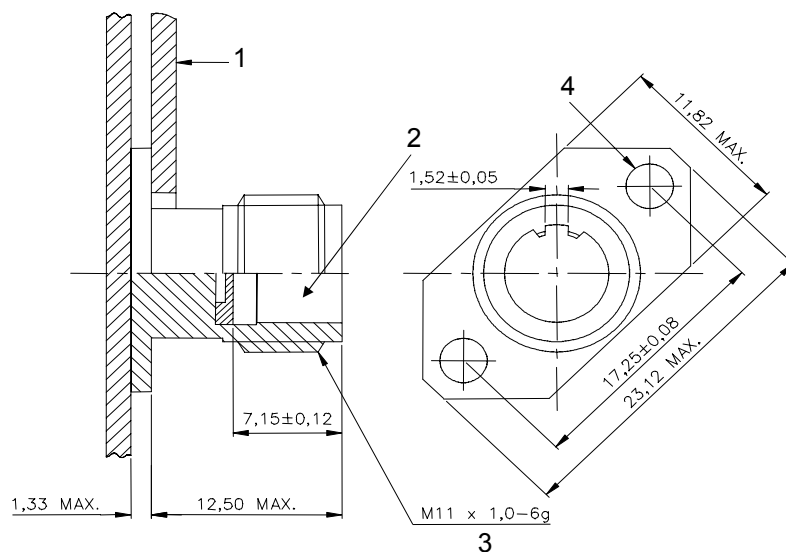
## 4 Required characteristics

### 4.1 Dimensions and mass

Dimensions (in millimetres) shall be as shown in Figure 1.

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1) Published as ASD Prestandard at the date of publication of this standard.



### Key

- 1 Maximum panel thickness rear mounted 3,0
- 2 Seal
- 3 Thread
- 4 Two holes  $\varnothing 3,10 \pm 0,05$  typical

## Figure 1

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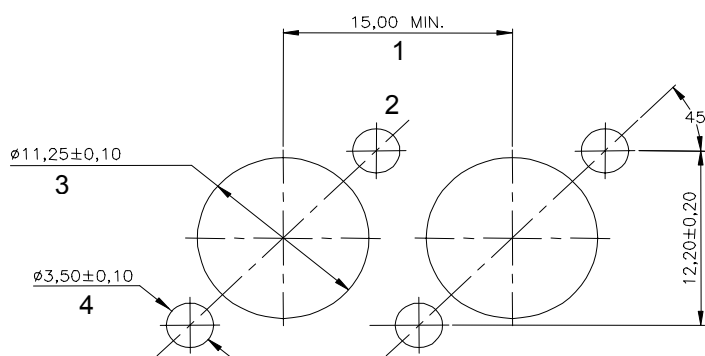
Mass: 11,5 g max.

### 4.2 Panel cut-out and mounting of connectors

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Panel cut-out and connector mounting details shall be as shown in Figures 2 and 3 respectively.

Dimensions are in millimetres.



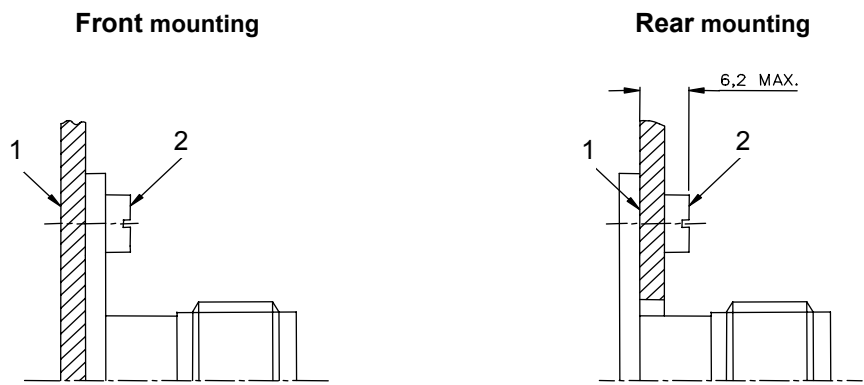
### Key

- 1 Recommended
- 2 See notes
- 3 Rear panel mount only
- 4 Typical

NOTE 1 A minimum spacing of 15,00 mm is recommended for the fitting of protective covers.

NOTE 2 A minimum spacing of 13,75 mm is recommended for the fitting of plug connectors.

Figure 2



**Key**

- 1 Panel
- 2 Screw head

Figure 3

**4.3 Materials**

Nickel-copper shell, fluorosilicone seal.

**4.4 Application combinations**

This dummy receptacle is for use with Product Standards conforming to EN 3733-003 and incorporates universal keying to enable any plug connector keyway orientation to be accommodated. See EN 3733-002 for applicable combinations of accessories and connectors.

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**5 Designation**

EXAMPLE

Description block	Identity block
DUMMY RECEPTACLE, TWO HOLES	EN3733-105B
Number of the basic standard	
Product standard (see EN 3733-002)	
Class (see EN 3733-001, test fluids class B)	

NOTE 1 Part number spacing as shown is for clarity only.

NOTE 2 If necessary, the code I9005 may be placed between the description block and the identity block.