

**SLOVENSKI STANDARD**  
**SIST EN 61076-2-105:2008**

**01-november-2008**

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Connectors for electronic equipment- Product requirements - Part 2-105: Detail specification for circular connectors -M5 with screw-locking (IEC 61076-2-105:2008)

Steckverbinder für elektronische Einrichtungen - Produktanforderungen -Teil 2-105: Rundsteckverbinder - Bauartspezifikation für Steckverbinder M5 mit Schraubverriegelung (IEC 61076-2-105:2008)

Connecteurs pour équipements électroniques - Exigences de produit - Partie 2-105: Connecteurs circulaires - Spécification particulière pour connecteurs M5 à vis (CEI 61076-2-105:2008)

**Ta slovenski standard je istoveten z: EN 61076-2-105:2008**

**ICS:**

31.220.10 Xā āā āā } āā [ ] ^ d !ā Plug-and-socket devices.  
Connectors

**SIST EN 61076-2-105:2008 en,fr**

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SIST EN 61076-2-105:2008

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61076-2-105**

September 2008

ICS 31.220.10

English version

**Connectors for electronic equipment -  
Product requirements -  
Part 2-105: Circular connectors -  
Detail specification for M5 connectors with screw-locking  
(IEC 61076-2-105:2008)**

Connecteurs pour équipements  
électroniques -  
Exigences de produit -  
Partie 2-105: Connecteurs circulaires -  
Spécification particulière  
pour connecteurs M5 à vis  
(CEI 61076-2-105:2008)

Steckverbinder für elektronische  
Einrichtungen -  
Produktanforderungen -  
Teil 2-105: Rundsteckverbinder -  
Bauartspezifikation für Steckverbinder M5  
mit Schraubverriegelung  
(IEC 61076-2-105:2008)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 48B/1909/FDIS, future edition 1 of IEC 61076-2-105, prepared by SC 48B, Connectors, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61076-2-105 on 2008-08-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2009-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-08-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61076-2-105:2008 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61076-2-001      NOTE Harmonized as EN 61076-2-001:2001 (not modified).

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-581	- <sup>1)</sup>	International Electrotechnical Vocabulary (IEV) - Chapter 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1 + corr. October A1	1988 1988 1992	Environmental testing - Part 1: General and guidance	EN 60068-1	1994
IEC 60068-2-60	1995	Environmental testing - Part 2: Tests - Test Ke: Flowing mixed gas corrosion test	EN 60068-2-60	1996
IEC 60352	Series	Solderless connections	EN 60352	Series
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60529 A1	1989 1999	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May A1	1991 1993 2000
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 60998-2-1 (mod)	2002	Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units	EN 60998-2-1	2004
IEC 60999	Series	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units	EN 60999	Series
IEC 61076-1	2006	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	2006
IEC 61984	2001	Connectors - Safety requirements and tests	EN 61984	2001
ISO 1302	2002	Geometrical Product Specifications (GPS) - Indication of surface texture in technical product documentation	-	-

<sup>1)</sup> Undated reference.

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IEC 61076-2-105

Edition 1.0 2008-07

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Connectors for electronic equipment – Product requirements –  
Part 2-105: Circular connectors – Detail specification for M5 connectors with  
screw-locking**

**Connecteurs pour équipements électroniques – Exigences de produit –  
Partie 2-105: Connecteurs circulaires – Spécification particulière pour  
connecteurs M5 à vis**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**CONNECTORS FOR ELECTRONIC EQUIPMENT –  
PRODUCT REQUIREMENTS –**
**Part 2-105: Circular connectors –  
Detail specification for M5 connectors with screw-locking**

## FOREWORD

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International Standard IEC 61076-2-105 has been prepared by subcommittee 48B: Connectors, of technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
48B/1909/FDIS	48B/1928/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61076 series, under the general title *Connectors for electronic equipment – Product requirements*, can be found on the IEC website.

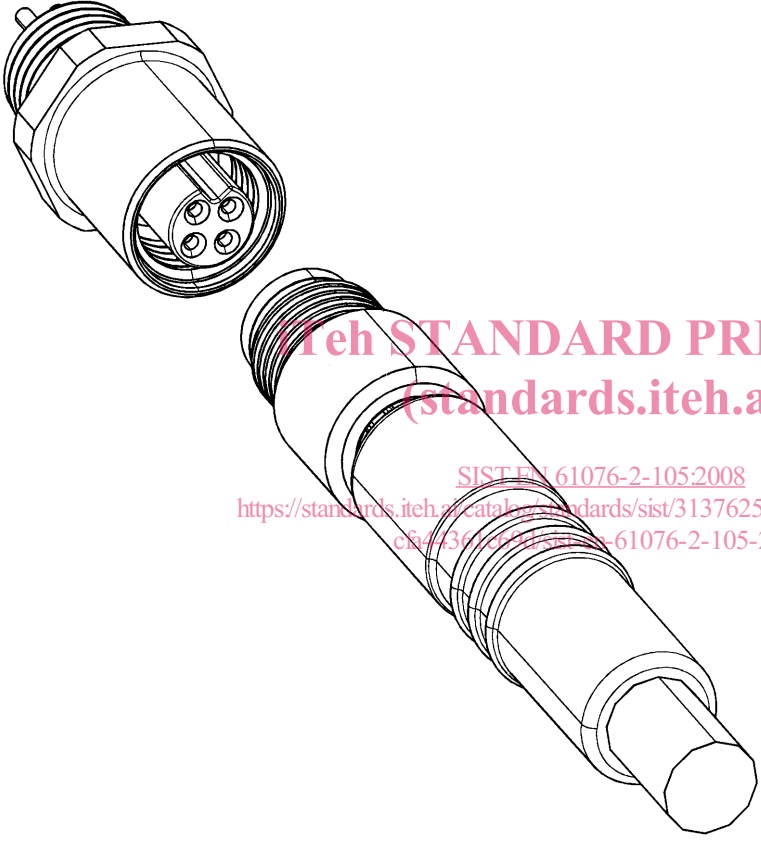
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<p>INTERNATIONAL ELECTROTECHNICAL COMMISSION</p> <p>IEC SC 48B – Connectors</p>	<p>IEC 61076-2-105</p>
<p>ELECTRONIC COMPONENTS</p> <p>DETAIL SPECIFICATION in accordance with IEC 61076-1:2006</p>	
 <p style="text-align: center;">STANDARD PREVIEW (standards.iteh.ai)</p> <p style="text-align: center;">SIST EN 61076-2-105:2008 <a href="https://standards.iteh.ai/catalog/standards/sist/31376253-adt2-4dc5-9354-ef4-3677097544-61076-2-105-2008">https://standards.iteh.ai/catalog/standards/sist/31376253-adt2-4dc5-9354-ef4-3677097544-61076-2-105-2008</a></p> <p style="text-align: right;">IEC 1248/08</p>	<p>Circular connectors M5                    3 to 4 way Male and female contacts</p> <p>Non-rewireable (fixed connector could also be rewirable)</p>
	<p>Free cable connectors Straight and right angle connectors Fixed connectors</p> <p>Single hole mounting</p>