

SLOVENSKI STANDARD
SIST EN 61076-2-104:2008**01-november-2008**

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Connectors for electronic equipment - Product requirements - Part 2-104: Detail specification for circular connectors with M8 screw-locking or snap-locking (IEC 61076-2-104:2008)

Steckverbinder für elektronische Einrichtungen - Produkthanforderungen - Teil 2-104: Rundsteckverbinder - Bauartspezifikation für Rundsteckverbinder M8 mit Schraub- oder Rastverriegelung (IEC 61076-2-104:2008)

[SIST EN 61076-2-104:2008](https://standards.iteh.ai/catalog/standards/sist/fcbb55ca-f1d5-45f0-b039-)

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Connecteurs pour quipements électroniques - Exigences de produit - Partie 2-104: Specification particuliere pour les connecteurs circulaires M8 vis ou encliquetage (IEC 61076-2-104:2008)

Ta slovenski standard je istoveten z: EN 61076-2-104:2008

ICS:

31.220.10 Xcã ãñ Ácã } ã Æ [] ^ ç !ã Plug-and-socket devices.
Connectors

SIST EN 61076-2-104:2008**en,fr**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61076-2-104

September 2008

ICS 31.220.10

Partially supersedes EN 61076-2-101:2003 + A1:2006

English version

**Connectors for electronic equipment -
Product requirements -
Part 2-104: Circular connectors -
Detail specification for circular connectors
with M8 screw-locking or snap-locking
(IEC 61076-2-104:2008)**

Connecteurs pour équipements
électroniques -
Exigences de produit -
Partie 2-104: Connecteurs circulaires -
Spécification particulière
pour les connecteurs circulaires M8
à vis ou à encliquetage
(CEI 61076-2-104:2008)

Steckverbinder für elektronische
Einrichtungen -
Produktanforderungen -
Teil 2-104: Rundsteckverbinder -
Bauartspezifikation
für Rundsteckverbinder M8
mit Schraub- oder Rastverriegelung
(IEC 61076-2-104:2008)

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This European Standard was approved by CENELEC on 2008-06-01. CENELEC 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 Central Secretariat or to any CENELEC member.

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CENELEC

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/1753/CDV, future edition 1 of IEC 61076-2-104, prepared by SC 48B, Connectors, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 61076-2-104 on 2008-06-01.

This European Standard supersedes the following parts of EN 61076-2-101:2003 + A1:2006:

- Subclauses 2.2.3, 2.2.4 and 3.2.2;
- Tables 6, 10 and 12;
- any reference to connector type E and M8.

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) 2009-03-01
- 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 61076-2-104:2008 was approved by CENELEC as a European Standard without any modification.

SIST EN 61076-2-104:2008
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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 60068-1 + corr. October + A1	1988 1988 1992	Environmental testing - Part 1: General and guidance	EN 60068-1	1994
IEC 60068-2-60	- ¹⁾	Environmental testing - Part 2: Tests - Test Ke: Flowing mixed gas corrosion test	EN 60068-2-60	1996 ²⁾
IEC 60352	Series	Solderless connections	EN 60352	Series
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1-100	- ¹⁾	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	2006 ²⁾
IEC 60529 A1	1989 1999	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May A19-	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)	- ¹⁾	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 ²⁾
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 61076-2-001	2001	Connectors for electronic equipment - Part 2-001: Circular connectors - Blank detail specification	EN 61076-2-001	2001
IEC 61984	- ¹⁾	Connectors - Safety requirements and tests	EN 61984	2001 ²⁾
ISO 1302	- ¹⁾	Geometrical Product Specifications (GPS) - Indication of surface texture in technical product documentation	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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IEC 61076-2-104

Edition 1.0 2008-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Connectors for electronic equipment – Product requirements –
Part 2-104: Circular connectors – Detail specification for circular connectors
with M8 screw-locking or snap-locking**

**Connecteurs pour équipements électroniques – Exigences de produit –
Partie 2-104: Connecteurs circulaires – Spécification particulière pour les
connecteurs circulaires M8 à vis ou à encliquetage**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRONIC EQUIPMENT –
PRODUCT REQUIREMENTS –**
**Part 2-104: Circular connectors – Detail specification for circular
connectors with M8 screw-locking or snap-locking**

FOREWORD

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International Standard IEC 61076-2-104 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

This part of IEC 61076-2 cancels and replaces the following parts of IEC 61076-2-101:2003 (first edition of IEC 61076-2-101):

- subclauses 2.2.3, 2.2.4 and 3.2.2,
- Tables 6, 10 and 12,
- any reference to connector type E and M8.

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

CDV	Report on voting
48B/1753/CDV	48B/1815/RVC

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.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under <http://webstore.iec.ch> in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

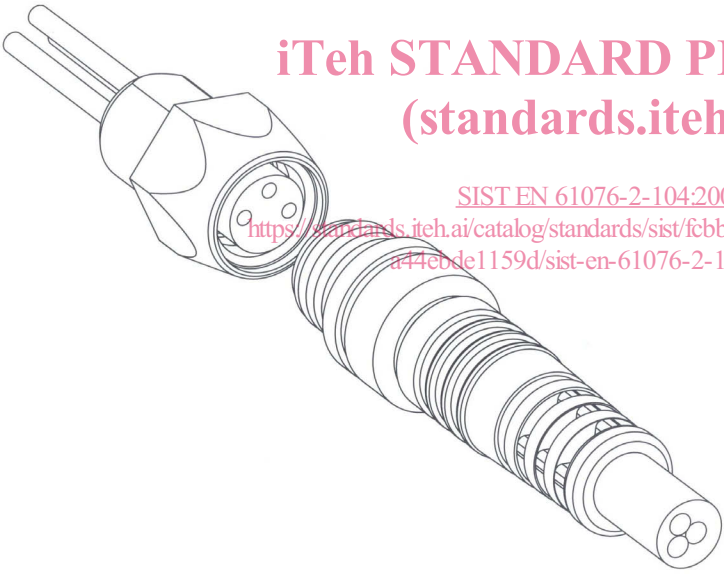
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CONNECTORS FOR ELECTRONIC EQUIPMENT – PRODUCT REQUIREMENTS –

Part 2-104: Circular connectors – Detail specification for circular connectors with M8 screw-locking or snap-locking

<p>International Electrotechnical Commission IEC SC 48B – Connectors</p> <p>Specification available from: IEC General secretariat or from the addresses shown on the inside cover.</p>	IEC 61076-2-104
<p>ELECTRONIC COMPONENTS detail specification in accordance with IEC 61076-1</p>	
 <p style="text-align: center; color: red; font-weight: bold;">iTeh STANDARD PREVIEW (standards.iteh.ai)</p> <p style="text-align: center; color: red; font-size: small;">SIST EN 61076-2-104:2008 https://standards.iteh.ai/catalog/standards/sist/fcbb55ca-fl-d5-fcbb55ca-fl-d5-a44cbde1159d/sist-en-61076-2-104-2008</p>	<p>Circular connectors M8/ Ø 8 mm 3 to 5 way Male and female contacts Male and female connectors Rewireable – Non-rewireable</p> <hr/> <p>Free cable connectors Straight and right angle connectors</p> <p>Fixed connectors</p> <p>Flange mounting Single hole mounting</p>