



Irish Standard  
I.S. EN 61076-2-105:2008

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

## I.S. EN 61076-2-105:2008

*Incorporating amendments/corrigenda issued since publication:*

|  |  |   |
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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)

This European Standard was approved by CENELEC on 2008-08-01. 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.

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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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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**

## **I.S. EN 61076-2-105:2008**

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### **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) -<br>Chapter 581: Electromechanical components for electronic equipment  | -                             | -                    |
| IEC 60068-1<br>+ corr. October<br>A1 | 1988<br>1988<br>1992 | Environmental testing -<br>Part 1: General and guidance  | EN 60068-1                    | 1994                 |
| IEC 60068-2-60                       | 1995                 | Environmental testing -<br>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<br>A1                      | 1989<br>1999         | Degrees of protection provided by enclosures (IP Code)   | EN 60529<br>+ corr. May<br>A1 | 1991<br>1993<br>2000 |
| IEC 60664-1                          | 2007                 | Insulation coordination for equipment within low-voltage systems -<br>Part 1: Principles, requirements and tests   | EN 60664-1                    | 2007                 |
| IEC 60998-2-1<br>(mod)               | 2002                 | Connecting devices for low-voltage circuits for household and similar purposes -<br>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 -<br>Product requirements -<br>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) -<br>Indication of surface texture in technical product documentation   | -                             | -                    |

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



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