



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

**EN 61076-2-105**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**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) - 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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