



NSAI
Standards

Irish Standard
I.S. EN 61076-2-106:2011

Connectors for electronic equipment -
Product requirements -- Part 2-106:
Circular connectors - Detail
specification for connectors M 16 x 0,75
with screw-locking and degree of
protection IP40 or IP65/67 (IEC 61076-2
-106:2011 (EQV))

I.S. EN 61076-2-106:2011

Incorporating amendments/corrigenda issued since publication:

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EUROPEAN STANDARD

EN 61076-2-106

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2011

ICS 13.220.10

English version

**Connectors for electronic equipment -
Product requirements -
Part 2-106: Circular connectors -
Detail specification for connectors M 16 x 0,75 with screw-locking and
degree of protection IP40 or IP65/67
(IEC 61076-2-106:2011)**

Connecteurs pour équipements
électroniques -
Exigences de produits -
Partie 2-106: Connecteurs circulaires -
Spécification particulière pour les
connecteurs M 16 x 0,75 à vis de degré
de protection IP40 ou IP65/67
(CEI 61076-2-106:2011)

Steckverbinder für elektronische
Einrichtungen -
Produktanforderungen -
Teil 2-106: Rundsteckverbinder -
Bauartspezifikation für Steckverbinder
M16 x 0,75 mit Schraubverriegelung und
Schutzart IP40 oder IP65/67
(IEC 61076-2-106:2011)

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

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Foreword

The text of document (48B/2239/FDIS), future edition 1 of IEC 61076-2-106, 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 61076-2-106 on 2011-07-26.

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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) 2012-04-26
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-07-26

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61076-2-106:2011 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 60130-9 NOTE Harmonized as EN 60130-9.

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	-	International Electrotechnical Vocabulary - Part 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 ¹⁾	1994
IEC 60352-2	-	Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance	EN 60352-2	-
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1-100	-	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 61076-1	-	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	-
IEC 61076-2	-	Connectors for electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors	EN 61076-2	-
IEC 61984	2008	Connectors - Safety requirements and tests	EN 61984	2009
ISO 1302	-	Geometrical Product Specifications (GPS) - Indication of surface texture in technical product documentation	EN ISO 1302	-

¹⁾ EN 60068-1 includes A1 to IEC 60068-1 + corr. October .

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CONTENTS

FOREWORD.....	6
1 Scope.....	9
2 Normative references	9
3 General information	10
3.1 Definitions	10
3.2 Number of contacts or contact cavities	10
3.3 Ratings and characteristics	10
3.4 Marking	10
3.5 Safety aspects.....	10
4 Dimensional information	10
4.1 General	10
4.2 Survey of styles and variants.....	11
4.2.1 Fixed connectors	11
4.2.2 Free connectors	17
4.2.3 Accessories – Protective caps	25
4.3 Interface dimensions	26
4.3.1 Interface dimensions fixed connector for IP40 variants	26
4.3.2 Interface dimensions free connector for IP40 variants.....	27
4.3.3 Interface dimensions fixed connector for IP65/67 variants	28
4.3.4 Interface dimensions free connector for IP65/67 variants.....	29
4.3.5 Pin front view of connectors and contact position	30
4.4 Sizing gauges and retention force gauges	32
5 Characteristics	32
5.1 Classification into climatic categories	32
5.2 Electrical characteristics.....	33
5.2.1 Rated voltage – Rated impulse voltage – Pollution degree.....	33
5.2.2 Voltage proof.....	33
5.2.3 Current-carrying capacity.....	34
5.2.4 Contact resistance.....	34
5.2.5 Insulation resistance.....	34
5.3 Mechanical characteristics	34
5.3.1 IP degree of protection	34
5.3.2 Mechanical operation	35
5.3.3 Insertion and withdrawal forces	35
5.3.4 Contact retention in insert.....	35
5.3.5 Polarizing method.....	35
5.3.6 Vibration (sinusoidal).....	35
5.3.7 Shock	35
6 Test schedule	36
6.1 General.....	36
6.1.1 Arrangement for contact resistance measurements.....	36
6.1.2 Arrangement for dynamic stress tests (vibration)	37
6.2 Test schedule.....	38
6.2.1 Test group P – Preliminary	38
6.2.2 Test group AP – Dynamic/ Climatic.....	39
6.2.3 Test group BP – Mechanical endurance.....	41

6.2.4	Test group CP – Electrical load	42
6.2.5	Test group DP – Chemical resistivity	42
6.2.6	Test group EP – Connection method tests	43
Bibliography.....		44
Figure 1	– Fixed connector, male contacts, IP40, front mounting	11
Figure 2	– Fixed connector, male contacts, IP40, rear mounting	12
Figure 3	– Fixed connector, male contacts, IP65/67, front mounting.....	12
Figure 4	– Fixed connector, male contacts, IP65/67, rear mounting	13
Figure 5	– Fixed connector, female contacts, IP40, front mounting	14
Figure 6	– Fixed connector, female contacts, IP40, rear mounting	14
Figure 7	– Fixed connector, female contacts, IP65/67, front mounting.....	15
Figure 8	– Fixed connector, female contacts, IP65/67, rear mounting	16
Figure 9	– Dimensions panel cut out IP40	16
Figure 10	– Dimensions panel cut out IP65/67	17
Figure 11	– Free connector, rewirable, straight version, cable outlet with clamping ring, male contacts, IP40	18
Figure 12	– Free connector, rewirable, straight version, flexible cable boot, male contacts, IP40.....	18
Figure 13	– Free connector, rewirable, right-angled version, flexible cable boot, male contacts, IP40.....	19
Figure 14	– Free connector, rewirable, straight version, cable outlet with clamping ring, male contacts, IP65/67	19
Figure 15	– Free connector, non-rewirable, straight version, flexible cable boot, male contacts, IP65/67	20
Figure 16	– Free connector, rewirable, right-angled version, male contacts, IP65/67	20
Figure 17	– Free connector, non-rewirable, right-angled version, male contacts, IP65/67	21
Figure 18	– Free connector, rewirable, straight version, cable outlet with clamping ring, female contacts, IP40	21
Figure 19	– Free connector, rewirable, straight version, flexible cable boot, female contacts, IP40.....	22
Figure 20	– Free connector, rewirable, right-angled version, flexible cable boot, female contacts, IP40	22
Figure 21	– Free connector, rewirable, straight version, cable outlet with clamping ring, female contacts, IP65/67.....	23
Figure 22	– Free connector, non-rewirable, straight version, female contacts, IP65/67.....	23
Figure 23	– Free connector, rewirable, right-angled version, female contacts, IP65/67.....	24
Figure 24	– Free connector, rewirable, right-angled version, female contacts, IP65/67.....	24
Figure 25	– Protective cap - connector with male contacts for IP40 variants	25
Figure 26	– Protective cap- connector with female contacts for IP40 variants	25
Figure 27	– Protective cap - connector with male contacts for IP65/67 variants	25
Figure 28	– Protective cap- connector with female contacts for IP65/67 variants.....	26
Figure 29	– Interface dimensions fixed connector for IP40 variants.....	26
Figure 30	– Interface dimensions free connector for IP40 variants	27
Figure 31	– Interface dimensions fixed connector for IP65/67 variants	28

Figure 32 – Interface dimensions free connector for IP65/67 variants	29
Figure 33 – Pin front view of connectors and contact position (variants 3 to 7a).....	30
Figure 34 – Pin front view of connectors and contact position (variants 7b to 19a).....	31
Figure 35 – Gauge dimensions	32
Figure 36 – Contact resistance arrangement.....	36
Figure 37 – Dynamic stress test arrangement	37
Table 1 – Contact termination	10
Table 2 – Styles of fixed connectors	11
Table 3 – Dimension style AM.....	11
Table 4 – Dimension style BM.....	12
Table 5 – Dimension style CM	13
Table 6 – Dimension style DM	13
Table 7 – Dimension style AF	14
Table 8 – Dimension style BF	15
Table 9 – Dimension style CF	15
Table 10 – Dimension style DF	16
Table 11 – Dimension panel cut out IP65/67	17
Table 12 – Styles of free connectors	17
Table 13 – Dimensions style IM	18
Table 14 – Dimensions style JM.....	18
Table 15 – Dimensions style KM	19
Table 16 – Dimensions style LM	19
Table 17 – Dimensions style MM	20
Table 18 – Dimensions style NM.....	20
Table 19 – Dimensions style OM.....	21
Table 20 – Dimensions style IF	21
Table 21 – Dimensions style JF	22
Table 22 – Dimensions style KF.....	22
Table 23 – Dimensions style LF	23
Table 24 – Dimensions style MF	23
Table 25 – Dimensions style NF.....	24
Table 26 – Dimensions style OF	24
Table 27 – Interface dimensions fixed connector for IP40 variants	26
Table 28 – Interface dimensions free connector for IP40 variants	27
Table 29 – Interface dimensions fixed connector for IP65/67 variants	28
Table 30 – Interface dimensions free connector for IP65/67 variants.....	29
Table 31 – Gauges	32
Table 32 – Climatic category.....	32
Table 33 – Rated voltage – Impulse voltage – Pollution degree	33
Table 34 – Voltage proof connectors.....	34
Table 35 – Number of mechanical operations	35
Table 36 – Insertion and withdrawal forces	35

Table 37 – Number of test specimens	36
Table 38 – Test group P	38
Table 39 – Test group AP	39
Table 40 – Test group BP	41
Table 41 – Test group CP	42
Table 42 – Test group DP	42
Table 43 – Test group EP	43

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRONIC EQUIPMENT –
PRODUCT REQUIREMENTS –****Part 2-106: Circular connectors –
Detail specification for connectors M 16 × 0,75
with screw-locking and degree of protection IP40 or IP65/67**

FOREWORD

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International Standard IEC 61076-2-106 has been prepared by subcommittee 48B: Connectors, of IEC 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
48/2239/FDIS	48/2246/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, published 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 stability 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

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<p>INTERNATIONAL ELECTROTECHNICAL COMMISSION</p> <p>IEC SC 48B – Connectors</p>	<p>IEC 61076-2-106</p>
<p>ELECTRONIC COMPONENTS IN ACCORDANCE WITH IEC 61076-1</p>	
 <p style="text-align: center;"><i>IEC 1500/11</i></p>	<p>Circular connectors M16 × 0,75 mm 2 to 8 poles, 12, 14, 19 poles</p> <p>Connectors with round contact Rewireable</p>
	<p>Free cable connectors Straight and right angle connectors</p> <p>Fixed connectors</p> <p>Flange mounting Rear mounting</p>

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