SLOVENSKI STANDARD

SIST EN 60512-14-4:2006

oct 2006

Konektorji za elektronsko opremo – Preskusi in meritve – 14-4. del: Preskusi tesnosti – Preskus 14d: Potapljanje – Neprepustnost za vodo (IEC 60512-14-4:2006)

Connectors for electronic equipment – Tests and measurements – Part 14-4: Sealing tests – Test 14d: Immersion – Waterproof (IEC 60512-14-4:2006)

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

ICS 31.220.10

Referenčna številka
SIST EN 60512-14-4:2006(en)

© Standard je založil in izdal Slovenski inštitut za standardizacijo. Razmnoževanje ali kopiranje celote ali delov tega dokumenta ni dovoljeno

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60512-14-4

May 2006

ICS 31.220.10

English version

Connectors for electronic equipment - Tests and measurements Part 14-4: Sealing tests - Test 14d: Immersion - Waterproof

(IEC 60512-14-4:2006)

Connecteurs pour équipements électroniques - Essais et mesures Partie 14-4: Essais d'étanchéité - Essai 14d: Immersion sous pression d'eau (CEI 60512-14-4:2006)

Steckverbinder für elektronische Einrichtungen - Mess- und Prüfverfahren Teil 14-4: Prüfungen der Dichtheit - Prüfung 14d: Wasserdichtheit (IEC 60512-14-4:2006)

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/0c5f0f4-e8c1-4f4d-b1-1f2e-ca0b1b37517d/sist-en-60512-14-4-2006

This European Standard was approved by CENELEC on 2006-04-01. 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, 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

© 2006 CENELEC - All rights of exploitation in any form and by any means reserved worldwide for CENELEC members.

Ref. No. EN 60512-14-4:2006 E

Foreword

The text of document 48B/1606/FDIS, future edition 1 of IEC 60512-14-4, 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 60512-14-4 on 2006-04-01.

This standard is to be read in conjunction with EN 60512-1 and EN 60512-1-100 which explains the structure of the EN 60512 series.

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)	2007-01-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2009-04-01

Annex ZA has been added by CENELEC.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Endorsement notice

The text of the International Standard IEC 60512-14-4:2006 was approved by CENELEC as a European Standard without any modification.

SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

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.

Publication	Year	Title	EN/HD	Year
IEC 60512-1-1	–[1)]	Connectors for electronic equipment - Tests and measurements Part 1-1: General examination - Test 1a: Visual examination	EN 60512-1-1	2002[2)]
IEC 60512-3-1	–[1)]	Connectors for electronic equipment - Tests and measurements Part 3-1: Insulation tests - Test 3a: Insulation resistance	EN 60512-3-1	2002[2)]

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

[1)] Undated reference.

[2)] Valid edition at date of issue.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

NORME INTERNATIONALE

INTERNATIONAL STANDARD

CEI
IEC
60512-14-4

Première édition
First edition
2006-03

Connecteurs pour équipements électroniques – Essais et mesures –

Partie 14-4: Essais d'étanchéité – Essai 14d: Immersion sous pression d'eau

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Connectors for electronic equipment – Tests and measurements –

SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006

Part 14-4: Sealing tests – Test 14d: Immersion – Waterproof

© IEC 2006 Droits de reproduction réservés — Copyright - all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch

Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE E

Pour prix, voir catalogue en vigueur
For price, see current catalogue

INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONNECTORS FOR ELECTRONIC EQUIPMENT – TESTS AND MEASUREMENTS –

Part 14-4: Sealing tests – Test 14d: Immersion – Waterproof

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
5) IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with an IEC Publication.
6) All users should ensure that they have the latest edition of this publication.
7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e3e01f-e83f-40df-8125-ead001b575f9/sist-en-60512-14-4-2006

International Standard IEC 60512-14-4 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

This standard cancels and replaces Test 14d of IEC 60512-7, issued in 1993, and constitutes a technical revision. This standard is to be read in conjunction with IEC 60512-1 and IEC 60512-1-100 which explains the structure of the IEC 60512 series.

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

FDIS	Report on voting
48B/1606/FDIS	48B/1659/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.

IEC 60512-14 consists of the following parts, under the general title *Connectors for electronic equipment – Tests and measurements:*

Part 14-2: Sealing tests – Test 14b: Sealing – Fine air leakage

Part 14-4: Sealing tests – Test 14d: Immersion – Waterproof

Part 14-5: Sealing tests – Test 14e: Immersion at low air pressure

Part 14-6: Sealing tests – Test 14f: Interfacial sealing

Part 14-7: Sealing tests – Test 14g: Impacting water

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 60512-14-4:2006
https://standards.iteh.ai/catalog/standards/sist/60e9e0f4-e83f-40df-812b-ead001b575f9/sist-en-60512-14-4-2006