



# SLOVENSKI STANDARD

## SIST EN 60874-1:2012

01-maj-2012

Nadomešča:  
SIST EN 60874-1:2007

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### Optični spojni elementi in pasivne komponente - Konektorji za optična vlakna in kable - 1. del: Rodovna specifikacija (IEC 60874-1-1:2011)

Fibre optic interconnecting devices and passive components - Connectors for optical fibres and cables - Part 1: Generic specification (IEC 60874-1-1:2011)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Steckverbinder für Lichtwellenleiter und Lichtwellenleiterkabel - Teil 1: Fachgrundspezifikation (IEC 60874-1-1:2011)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Connecteurs pour fibres et câbles optiques - Partie 1: Specification générique (CEI 60874-1-1:2011)

**Ta slovenski standard je istoveten z: EN 60874-1:2012**

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#### **ICS:**

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60874-1**

March 2012

ICS 33.180.20

Supersedes EN 60874-1:2007

English version

**Fibre optic interconnecting devices and passive components -  
Connectors for optical fibres and cables -  
Part 1: Generic specification  
(IEC 60874-1:2011)**

Dispositifs d'interconnexion et composants  
passifs à fibres optiques -  
Connecteurs pour fibres et câbles  
optiques -  
Partie 1: Spécification générique  
(CEI 60874-1:2011)

Lichtwellenleiter -  
Verbindungselemente und passive  
Bauteile -  
Steckverbinder für Lichtwellenleiter und  
Lichtwellenleiterkabel -  
Teil 1: Fachgrundspezifikation  
(IEC 60874-1:2011)

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 86B/3272/FDIS, future edition 6 of IEC 60874-1, prepared by SC 86B, "Fibre optic interconnecting devices and passive components", of IEC TC 86, "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60874-1:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-09-29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2012-12-29

This document supersedes EN 60874-1:2007.

The specific technical changes from EN 60874-1:2007 include removal of quality assessment procedure, to add the definition of plug-socket configuration, to reconsider a drawing showing the relationship between EN 60874, EN 61753, EN 61754 series of standards, and updating the normative references.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

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SIST EN 60874-1:2012

The text of the International Standard IEC 60874-1:2011 was approved by CENELEC as a European Standard without any modification. 436c6ac04122/sist-en-60874-1-2012

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60874 series      NOTE Harmonized in EN 60874 series.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 60027	Series	Letter symbols to be used in electrical technology	EN 60027	Series
IEC 60050-731	-	International Electrotechnical Vocabulary (IEV) - Chapter 731: Optical fibre communication	-	-
IEC 60617	Data-base	Graphical symbols for diagrams	-	-
IEC 60695-11-5	-	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	-
IEC 60825-1	-	Safety of laser products - Part 1: Equipment classification and requirements	EN 60825-1	-
IEC 61300	Series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN 61300	Series
IEC 61753	Series	Fibre optic interconnecting devices and passive components performance standard	EN 61753	Series
IEC 61753-1	-	Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards	EN 61753-1	-
IEC 61754	Series	Fibre optic connector interfaces	EN 61754	Series
IEC 61755	Series	Fibre optic connector optical interfaces	EN 61755	Series
IEC/TR 61930	-	Fibre optic graphical symbology	-	-
IEC/TR 61931	-	Fibre optic - Terminology	-	-
ISO 129	-	Technical drawings - Dimensioning - General principles, definitions, methods of execution and special indications	-	-
ISO 286-1	-	ISO system of limits and fits - Part 1: Bases of tolerances, deviations and fits	EN ISO 286-1	-
ISO 1101	-	Geometrical Product Specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out	EN ISO 1101	-
ISO 8601	-	Data elements and interchange formats - Information interchange - Representation of dates and times	-	-

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IEC 60874-1-1

Edition 3.0 2011-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Connectors for optical fibres and cables –  
Part 1-1: Blank detail specification**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –  
Connecteurs pour fibres et câbles optiques –  
Partie 1-1: Spécification particulière cadre**

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ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES  
AND PASSIVE COMPONENTS –  
CONNECTORS FOR OPTICAL FIBRES AND CABLES –****Part 1-1: Blank detail specification**

## FOREWORD

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International Standard IEC 60874 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 2006. It constitutes a technical revision. Specific technical changes since the second edition include to reconsider quality approval and quality conformance inspection and to add the optical interface standard into the detail specification worksheet.