

SLOVENSKI STANDARD SIST EN IEC 62148-1:2018

01-april-2018

Nadomešča:

SIST EN 62148-1:2004

Aktivne komponente in naprave optičnih vlaken - Standardi za ohišja in vmesnike - 1. del: Splošno in navodila (IEC 62148-1:2017)

Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance (IEC 62148-1:2017)

Aktive Lichtwellenleiterbauelemente und -geräte - Gehäuse- und Schnittstellennormen - Teil 1: Allgemeines und Leitfaden (IEC 62148-1:2017)

Composants et dispositifs actifs en <u>fibres optiques +: Nor</u>mes de boîtier et d'interface - Partie 1: Généralités et lignés directrices (IE@ 62148-132047) -4396-bd28-540c93b5d64a/sist-en-iec-62148-1-2018

Ta slovenski standard je istoveten z: EN IEC 62148-1:2018

ICS:

33.180.20 Povezovalne naprave za

optična vlakna

Fibre optic interconnecting

devices

SIST EN IEC 62148-1:2018

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN IEC 62148-1

February 2018

ICS 33.180.01

Supersedes EN 62148-1:2002

English Version

Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance (IEC 62148-1:2017)

Composants et dispositifs actifs fibroniques - Normes de boîtier et d'interface - Partie 1: Généralités et recommandations (IEC 62148-1:2017)

Aktive Lichtwellenleiterbauelemente und -geräte - Gehäuseund Schnittstellennormen - Teil 1: Allgemeines und Leitfaden (IEC 62148-1:2017)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62148-1:2018

European foreword

The text of document 86C/1406A/CDV, future edition 2 of IEC 62148-1, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62148-1:2018.

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)	2018-08-16
•	latest date by which the national	(dow)	2021-02-16

This document supersedes EN 62148-1:2002.

document have to be withdrawn

EN IEC 62148-1:2018 includes the following significant technical changes with respect to EN 62148-1:2002:

Addition of a free space optical coupling interface in Clause 5.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60130 Series	NOTE	Harmonized in EN 60130 Series.
IEC 60191 Series	NOTE	Harmonized in EN 60191 Series.
IEC 60603 Series	NOTE	Harmonized in EN 60603 Series.
IEC 60603-1	NOTE	Harmonized as EN 60603-1.
IEC 60603-2	NOTE	Harmonized as EN 60603-2.
IEC 60603-3	NOTE	Harmonized as EN 60603-3.
IEC 60603-4	NOTE	Harmonized as EN 60603-4.
IEC 60603-5	NOTE	Harmonized as EN 60603-5.
IEC 60603-6	NOTE	Harmonized as EN 60603-6.
IEC 60603-7	NOTE	Harmonized as EN 60603-7.
IEC 60603-8	NOTE	Harmonized as EN 60603-8.
IEC 60603-12	NOTE	Harmonized as EN 60603-12.
IEC 60603-13	NOTE	Harmonized as EN 60603-13.
IEC 60603-14	NOTE	Harmonized as EN 60603-14.
IEC 60793 Series	NOTE	Harmonized in EN 60793 Series.
IEC 60874 Series	NOTE	Harmonized in EN 60874 Series.
IEC 61076 Series	NOTE	Harmonized in EN 61076 Series.
IEC 61300 Series	NOTE	Harmonized in EN 61300 Series.

EN IEC 62148-1:2018

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60191-1	-	Mechanical standardization of semiconductor devices - Part 1: General rules for the preparation of outline drawings of discrete devices	EN 60191-1	-
IEC 60794	Series	Optical fibre cables	EN 60794	Series
IEC 61754	Series	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces OS. I.C.	EN 61754	Series
IEC 62148	Series https://sta	Fibre optic active components 018 nand devices a Package and interface aa8d-4 standards b5d64a/sist-en-iec-62148-1-2018	EN 62148 4396-bd28-	Series
ISO 1101	-	Geometrical product specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out	- EN ISO 1101	-

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IEC 62148-1

Edition 2.0 2017-08

INTERNATIONAL STANDARD

Fibre optic active components and devices – Package and interface standards – Part 1: General and guidance and ards.iteh.ai)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 33.180.01 ISBN 978-2-8322-4803-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC ACTIVE COMPONENTS AND DEVICES – PACKAGE AND INTERFACE STANDARDS –

Part 1: General and guidance

FOREWORD

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International Standard IEC 62148-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition, published in 2002, and constitutes a technical revision.

This edition includes the following significant technical change with respect to the previous edition: addition of a free space optical coupling interface in Clause 5.