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STN	**Optovláknové komunikačné podsystémy Časť 1: Kmeňová špecifikácia**	**STN EN IEC 61281-1 35 9272**

Fibre optic communication subsystems - Part 1: Generic specification

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/18

Obsahuje: EN IEC 61281-1:2018, IEC 61281-1:2017

Oznámením tejto normy sa od 19.01.2021 ruší
STN EN 61281-1 (35 9272) z decembra 2000

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61281-1

March 2018

ICS 33.180.01

Supersedes EN 61281-1:1999

English Version

Fibre optic communication subsystems - Part 1: Generic specification (IEC 61281-1:2017)

Sous-systèmes de télécommunications fibroniques - Partie 1: Spécification générique (IEC 61281-1:2017)

Lichtwellenleiter-Kommunikationsuntersysteme - Teil 1: Fachgrundspezifikation (IEC 61281-1:2017)

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

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

Ref. No. EN IEC 61281-1:2018 E

EN IEC 61281-1:2018 (E)

European foreword

The text of document 86C/1408/CDV, future edition 2 of IEC 61281-1, prepared by IEC/SC 86C "Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61281-1:2018.

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)	2018-10-19
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2021-01-19

This document supersedes EN 61281-1:1999.

This edition constitutes a technical revision. With respect to the previous edition, several new definitions are added.

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

Endorsement notice

The text of the International Standard IEC 61281-1:2017 was approved by CENELEC as a European Standard without any modification.

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

IEC 61280-1-1	NOTE	Harmonized as EN 61280-1-1.
IEC 61280-1-3	NOTE	Harmonized as EN 61280-1-3.
IEC 61280-1-4	NOTE	Harmonized as EN 61280-1-4.
IEC 61280-2-1	NOTE	Harmonized as EN 61280-2-1.
IEC 61280-2-2	NOTE	Harmonized as EN 61280-2-2.
IEC 61280-2-3	NOTE	Harmonized as EN 61280-2-3.
IEC 61280-2-8	NOTE	Harmonized as EN 61280-2-8.
IEC 61280-2-9	NOTE	Harmonized as EN 61280-2-9.
IEC 61280-2-10	NOTE	Harmonized as EN 61280-2-10.
IEC 61280-2-11	NOTE	Harmonized as EN 61280-2-11.
IEC 61280-2-12	NOTE	Harmonized as EN 61280-2-12.
IEC 61280-4-1	NOTE	Harmonized as EN 61280-4-1.
IEC 61280-4-2	NOTE	Harmonized as EN 61280-4-2.
IEC 61280-4-4	NOTE	Harmonized as EN 61280-4-4.
IEC 62614	NOTE	Harmonized as EN 62614.
IEC 61290-1-1	NOTE	Harmonized as EN 61290-1-1.
IEC 61290-1-2	NOTE	Harmonized as EN 61290-1-2.
IEC 61290-1-3	NOTE	Harmonized as EN 61290-1-3.
IEC 61290-3-1	NOTE	Harmonized as EN 61290-3-1.

IEC 61290-3-2	NOTE	Harmonized as EN 61290-3-2.
IEC 61290-3-3	NOTE	Harmonized as EN 61290-3-3.
IEC 61290-4-1	NOTE	Harmonized as EN 61290-4-1.
IEC 61290-4-2	NOTE	Harmonized as EN 61290-4-2.
IEC 61290-4-3	NOTE	Harmonized as EN 61290-4-3.
IEC 61290-5-1	NOTE	Harmonized as EN 61290-5-1.
IEC 61290-5-2	NOTE	Harmonized as EN 61290-5-2.
IEC 61290-5-3	NOTE	Harmonized as EN 61290-5-3.
IEC 61290-6-1	NOTE	Harmonized as EN 61290-6-1.
IEC 61290-7-1	NOTE	Harmonized as EN 61290-7-1.
IEC 61290-10-1	NOTE	Harmonized as EN 61290-10-1.
IEC 61290-10-2	NOTE	Harmonized as EN 61290-10-2.
IEC 61290-10-3	NOTE	Harmonized as EN 61290-10-3.
IEC 61290-10-4	NOTE	Harmonized as EN 61290-10-4.
IEC 61290-10-5	NOTE	Harmonized as EN 61290-10-5.
IEC 61290-11-1	NOTE	Harmonized as EN 61290-11-1.
IEC 61290-11-2	NOTE	Harmonized as EN 61290-11-2.
IEC 60793-1-41	NOTE	Harmonized as EN 60793-1-41.
IEC 60793-2	NOTE	Harmonized as EN 60793-2.
IEC 60793-2-10	NOTE	Harmonized as EN 60793-2-10.
IEC 60793-2-50	NOTE	Harmonized as EN 60793-2-50.
IEC 60794-1-1	NOTE	Harmonized as EN 60794-1-1.
IEC 60869-1:2012	NOTE	Harmonized as EN 60869-1:2013 (not modified).
IEC 60874-1:2011	NOTE	Harmonized as EN 60874-1:2012 (not modified).
IEC 60875-1:2015	NOTE	Harmonized as EN 60875-1:2015 (not modified).
IEC 60876-1:2014	NOTE	Harmonized as EN 60876-1:2014 (not modified).
IEC 61073-1	NOTE	Harmonized as EN 61073-1.
IEC 61274-1	NOTE	Harmonized as EN 61274-1
IEC 61291 (series)	NOTE	Harmonized as EN 61291 (series).
IEC 61291-1:2012	NOTE	Harmonized as EN 61291-1:2012 (not modified).
IEC 61291-2	NOTE	Harmonized as EN 61291-2.
IEC 61291-4	NOTE	Harmonized as EN 61291-4.
IEC 61703	NOTE	Harmonized as EN 61703.
IEC 61753 (series)	NOTE	Harmonized in EN 61753 (series).
IEC 62149 (series)	NOTE	Harmonized in EN 62149 (series).
IEC 62149-1	NOTE	Harmonized as EN 62149-1.
IEC 62343-1 (series)	NOTE	Harmonized as EN 62343-1 (series).
IEC 62343-3 (series)	NOTE	Harmonized as EN 62343-3 (series).

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Edition 2.0 2017-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic communication subsystems – Part 1: Generic specification

Sous-systèmes de télécommunications fibroniques – Partie 1: Spécification générique

IEC 61281-1:2017-12(en-fr)

IEC 61281-1

Edition 2.0 2017-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic communication subsystems – Part 1: Generic specification

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FIBRE OPTIC COMMUNICATION SUBSYSTEMS –

Part 1: Generic specification

FOREWORD

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International Standard IEC 61281-1 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 1999. This edition constitutes a technical revision.

This edition includes the following significant technical change with respect to the previous edition: addition of new definitions.

The text of this International Standard is based on the following documents:

CDV	Report on voting
86C/1408/CDV	86C/1468/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61281-1 series, published under the general title *Fibre optic communication subsystems*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

FIBRE OPTIC COMMUNICATION SUBSYSTEMS –

Part 1: Generic specification

1 Scope

This part of IEC 61281 is a generic specification for fibre optic communication subsystems (FOCSs).

The parameters defined herein form a specifiable minimum set of specifications that are common to all fibre optic subsystems. Additional parameters can be used depending on the particular application and technology. Those additional parameters will be specified in the relevant documents, as appropriate.

Each specified parameter is measured using one of the test procedures. The use of these parameters for system design is given in design guides.

2 Normative references

There are no normative references in this document.