Fibre optic sensors - Part 2-2: Temperature measurement - Distributed sensing

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 61757-2-2:2017 sisaldab Euroopa standardi EN 61757-2-2:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 61757-2-2:2017 consists of the English text of the European standard EN 61757-2-2:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 06.10.2017.	Date of Availability of the European standard is 06.10.2017.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 33.180.99

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61757-2-2

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English Version

Fibre optic sensors - Part 2-2: Temperature measurement - Distributed sensing (IEC 61757-2-2:2016)

Capteurs fibroniques -
Partie 2-2: Mesure de la température -
Détections réparties
(IEC 61757-2-2:2016)

Lichtwellenleitersensoren -
Teil 2-2: Temperaturmessung -
Ortsaufgelöste faseroptische Messung
(IEC 61757-2-2:2016)

This European Standard was approved by CENELEC on 2016-06-16. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 61757-2-2:2017 E

European foreword

The text of document 86C/1323/CDV, future edition 1 of IEC 61757-2-2, 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 61757-2-2:2017.

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)	2018-04-06
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2020-10-06

This standard is to be read in conjunction with EN 61757-1:2012.

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 61757-2-2:2016 was approved by CENELEC as a European Standard without any modification.

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 When 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.

Publication	Year	Title	EN/HD	Year
IEC 60050	series	International Electrotechnical Vocabulary	-	-
IEC 61757-1	2012	Fibre optic sensors - Part 1: Generic specification	EN 61757-1	2012
IEC/TR 61931	-	Fibre optic - Terminology	-	-
ISO/IEC Guide 99	-	International vocabulary of metrology - Basic and general concepts and associated terms (VIM)	-	-

CONTENTS

INTRODUCTION

It has been decided to restructure the IEC 61757 series with the following logic. From now on, the sub-parts will be renumbered as IEC 61757-M-T where M denotes the measure and T the technology.

The existing part IEC 61757-1:2012 will be renumbered as IEC 61757 when it will be revised and will serve as an umbrella document over the entire series.