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Interested committees:

Title:

BS EN IEC 61757-8-1 Fibre optic sensors

Part 8-1: Pressure measurement - Pressure sensors based on fibre Bragg gratings

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

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- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



86C/1955/CD

COMMITTEE DRAFT (CD)

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DATE OF CIRCULATION: 2024-12-06	CLOSING DATE FOR COMMENTS: 2025-01-31
SUPERSEDES DOCUMENTS: 86C/1928/NP, 86C/1944A/RVN	

IEC SC 86C : FIBRE OPTIC SYSTEMS, SENSING AND ACTIVE DEVICES	
SECRETARIAT: United States of America	SECRETARY: Mr Fred Heismann
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 17,TC 18,TC 20,TC 38,TC 45,TC 65,TC 85	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	

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TITLE: Fibre optic sensors – Part 8-1: Pressure measurement – Pressure sensors based on fibre Bragg gratings
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NOTE FROM TC/SC OFFICERS:

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIBRE OPTIC SENSORS –

**Part 8-1: Pressure measurement –
Pressure sensors based on fibre Bragg gratings**

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IEC 61757-7-1 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics. It is an International Standard.

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

Draft	Report on voting
86C/XX/FDIS	86C/XX/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 61757 series, published under the general title *Fibre optic sensors*, 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 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.

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INTRODUCTION

146 This document is part of the IEC 61757 series, which is dedicated to fibre optic sensors. Generic
147 specifications for fibre optic sensors are defined in IEC 61757.

148 The individual parts of the IEC 61757 series are numbered as IEC 61757- M - T , where M denotes
149 the measurand and T the technology. The IEC 61757-8- T series is concerned with pressure
150 measurements.

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