

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

Capteurs fibroniques -
Partie 8-1: Mesure de pression - Capteurs de pression basés sur des réseaux de
Bragg à fibres

IEC 61757-8-1:2025

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**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, sensing 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/1970/CDV	86C/1993/RVC

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.

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INTRODUCTION

Generic specifications for fibre optic sensors are defined in IEC 61757.

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

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