

Imported Pressure Fiber Optic Sensor Manufacturer



AI Overview

Top imported fiber optic pressure sensor brands include Althen, FBGS International, Luna Innovations, HBK FiberSensing, and Exail, known for high-precision, EMI-resistant sensors suitable for harsh environments.

Leading International Brands

- Althen Sensors – Offers high-precision fiber optic pressure sensors ideal for oil and gas, aerospace, and medical applications. Their sensors are immune to electromagnetic interference (EMI) and perform reliably in extreme temperatures and corrosive environments, with flexible designs for tight spaces .
- FBGS International NV (Belgium) – Specializes in fiber Bragg grating (FBG) sensors for pressure, strain, and temperature monitoring. Their products are widely used in structural health monitoring, aerospace, and industrial automation .
- Luna Innovations Inc. (USA) – Provides advanced fiber optic sensing solutions, including pressure sensors with distributed and point sensing capabilities. Their sensors are suitable for high-voltage, high-temperature, and harsh industrial environments .
- HBK FiberSensing S.A. (Portugal) – Focuses on optical fiber sensors for pressure, strain, and temperature, offering robust solutions for aerospace, automotive, and energy sectors. Their sensors are designed for long-term stability and minimal signal degradation .
- Exail (France) – Manufactures fiber optic pressure sensors for industrial and research applications, emphasizing precision, reliability, and adaptability to challen...

Article Content

Mar 05, 2026

Fiber optic pressure sensors | Althen Sensors

Our Fiber optic pressure sensors are engineered to meet the demands of complex and challenging environments. These sensors are

Oct 11, 2025

Fiber-Optic Pressure Sensors: Recent Advances in

Fiber-optic sensing (FOS) technology has emerged as a cutting-edge research focus in the

May 17, 2026

MEDICAL PRESSURE MONITORING

MEDICAL PRESSURE MONITORING FISO offers the smallest fiber optic pressure sensors and temperature probes for medical

May 09, 2026

Fiber Optic Pressure Sensors: Precision & Reliability

Discover fiber optic pressure sensors for high-accuracy, real-time monitoring in harsh environments. Explore top-rated

Sep 22, 2025

Fiber Optic Pressure Sensor

Fiber optic pressure sensors use light modulation to measure pressure, offering high sensitivity, EMI immunity, and

Jul 30, 2025

Fiber Optic Pressure Sensors

Opsens Solutions OPP series fiber optic pressure transducers are designed to provide accurate pressure measurement in the most

Dec 18, 2025

Highly sensitive fiber-optic sensor for dynamic pressure

Highly sensitive fiber-optic sensor for dynamic pressure measurements Abstract: A new type of fiber-optic pressure sensor based on

Apr 13, 2026

A ground-breaking Distributed fiber-optic Pressure Sensor for ...

Distributed fiber optic (DFO) technology has provided significant insight into various engineering problems by enabling

Oct 02, 2025

Fiber Optic Medical Sensors for Catheter Pressure

Fiber optic medical sensors and readout units for catheter pressure sensors, temperature & force. Miniature, EMI/MRI

Feb 13, 2026

Low-cost and high-resolution pressure sensors using highly stretchable ...

This letter reports on the development of a low-cost intensity variation-based pressure sensor using polymer optical

Aug 25, 2025

Fiber Optic Sensor

Sourcing fiber optic sensors for industrial control? Learn how price, OEM custom options, and the latest market

Jan 08, 2026

Home | OZ Optics Ltd.

In addition to designing and manufacturing components and test equipment for fiber optics markets, the company offers award

Sep 09, 2025

Fiber Optic Sensors

Medical Pressure Monitoring We provide leading-edge fiber optic development capabilities and advanced manufacturing experience

Aug 04, 2025

FIBER-OPTIC SENSORS

Today, already with over 500 standard, application or customer specific fiber optic sensors, we take pride in working together with

Jan 15, 2026

os9100 | Optical Pressure Sensor | Luna Innovations

Luna's fiber optic os9100 sensors are ultra-sensitive, low profile Fiber Bragg grating (FBG)-based discrete static and dynamic

Sep 21, 2025

OPP-M fiber optic pressure sensor, probe and transducer

Interferometry optical pressure sensor for oil & gas, energy, structural health monitoring, defense & aerospace, geotechnical, civil

Oct 26, 2025

Cost-effective optical fiber pressure sensor based on intrinsic Fabry ...

Abstract In this work, a cost-effective procedure to manufacture optical fiber pressure sensors is presented. This has a

Dec 06, 2025

Optical Fibre Pressure Sensors in Medical Applications

This article is focused on reviewing the current state-of-the-art of optical fibre pressure

Mar 01, 2026

A new type of structure of optical fiber pressure sensor based on ...

Abstract In this study, a new type of structure of optical fiber pressure sensor (OFPS) based on polarization modulation

Mar 01, 2026

Fiber Optic Pressure Sensor Market Size, Share, Growth Report 2035

The Fiber Optic Pressure Sensor Market is experiencing a notable surge due to the increasing adoption of industrial

Jul 04, 2026

Fiber optic pressure and temperature sensor for observation well and ...

Temperature monitoring Robust fiber optic temperature sensor packaged for the most demanding environment. Permanent exposure

Jul 07, 2026

Global Fiber Optic Pressure Sensors Market Research Report 2025

The major global manufacturers of Fiber Optic Pressure Sensors include FISO Technologies, Honeywell, Infineon

Oct 26, 2025

Fiber Optical sensors for Industrial applications

Opsens Solutions, fiber optic temperature sensor, pressure transducer, displacement probe, strain gauge.

Oct 18, 2025

os9100 | Optical Pressure Sensor | Luna Innovations

Luna's fiber optic os9100 sensors are ultra-sensitive, low profile discrete static and dynamic pressure sensors that can be dispersed

Aug 30, 2025

FIBER OPTIC PRESSURE SENSOR

The OPP-B pressure sensor is compatible with all Opsens Solutions' WLPI (Patent #7,259,862) signal conditioners. With the inherent

Feb 04, 2026

Fiber Optic Pressure Sensors Market Size, Trends & Forecast

The manufacturing industry benefits from their precision in quality control processes. Collectively, these applications illustrate the

Apr 07, 2026

How Optical Fiber Technology Enhances Pressure Sensing

Explore how optical fiber technology improves pressure sensing with fast, accurate, and interference-free measurements. Discover

Dec 12, 2025

Fiber-Optic Pressure Sensors: Recent Advances in Sensing

This paper conducts a systematic analysis of the sensing mechanisms in fiber-optic pressure sensors, with a particular focus on the

Apr 18, 2026

MEDICAL PRESSURE MONITORING

FISO Technologies Inc., a leading developer and manufacturer of fiber optic sensors and signal conditioners, is worldly recognized

Sep 09, 2025

18 Fiber Optic Sensor Manufacturers in 2026

18 Fiber Optic Sensor Manufacturers in 2026 This section provides an overview for fiber optic sensors as well as their applications

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

