

Fiber Optic Sensor Manufacturer Direct Supply



AI Overview

Leading fiber optic sensor manufacturers and suppliers include Littelfuse, Omega Engineering, FISO, and numerous specialized global companies serving industrial, medical, aerospace, and research applications.

Top Manufacturers and Suppliers

- Littelfuse, Inc. – Offers a range of fiber optic sensors for industrial and automation applications, known for reliability and precision in object detection and environmental monitoring.
- Omega Engineering, Inc. – Provides fiber optic sensors for temperature, strain, and liquid detection, suitable for harsh environments and laboratory use.
- Advanced Energy Industries, Inc. – Supplies sensors for industrial and energy applications, including high-temperature and chemical-resistant fiber optic solutions.
- FISO Technologies – Specializes in fiber optic sensors and signal conditioners for medical, energy, process control, and R&D applications, with global support including Asia.
- Baumer Ltd. – Manufactures sensors, encoders, and optical components for automated image processing and industrial automation.
- Highland Technology Inc. – Focuses on fiber optic assemblies, spooled fiber, and laser delivery systems for spectroscopy and sensor applications.
- FBGS International NV – Offers fiber Bragg grating sensors for strain, temperature, and structural health monitoring in aerospace and civil engineering.
- Luna Innovations Inc. – Provides distributed and point fiber optic sensors for industrial, defense, and research applications.

Key Features and Applications

Sensor Types: Proximity, photoelectric, temperature, pressure, strain, acceleration, and chemical detection.

Materials and Construction: Plastic, glass, stainless steel, brass, titanium alloys, and ABS housings; suitable for high-temperature, chemical, or oil-rich environments.

Applications: Industrial automation, robotics, medical devices, aerospace, energy monitoring, structural he...

Article Content

Mixed-signal and digital signal processing ICs | Analog

Analog Devices is global leader in the design and manufacturing of analog, mixed signal, and DSP integrated circuits to help solve the toughest engineering

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MarketsandMarkets

Revenue Impact Firm - MarketsandMarkets offers market research reports and quantified B2B research on 30000 high growth emerging opportunities to over

FIBER-OPTIC SENSORS

Our global manufacturing network for fiber optic sensors in Ayabe (Japan), Shanghai (China) and Nufringen (Germany) focuses on continuously optimising methods for small and large volume

Fiber Optic Sensor Producer: High-Precision Solutions

Discover top fiber optic sensor producer with high-precision, durable sensors for industrial automation. Click to explore customizable, IP67-rated solutions with fast delivery and expert support.

Corning | Materials Science Technology and Innovation

Amazon announced a multibillion-dollar agreement with Corning Incorporated, a leading manufacturer of advanced glass and fiber optic technology, to supply the

Fiber Optic Sensors – Mouser

Mouser offers inventory, pricing, & datasheets for Fiber Optic Sensors.

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Fiber Optic Security System | Future Fibre Technologies

Future Fibre Technologies is a leader in intrusion detection systems, offering fibre optic security system solutions for pipeline, fence, and perimeter.

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Fiber Optic Sensors | Suppliers

Explore 72 top manufacturers and suppliers of Fiber Optic Sensors in our comprehensive photonics buyers' guide. A fiber optic sensor is a device that uses optical fibers to detect and measure physical,

Microphone

A subtype of fiber-optic microphone uses a Fabry-Pérot interferometer as the sensing element. In these sensors, two partially reflective mirrors form an optical

18 Fiber Optic Sensor Manufacturers in 2026

This section provides an overview for fiber optic sensors as well as their applications and principles. Also, please take a look at the list of 18 fiber optic sensor manufacturers and their company rankings.

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Find 3800+ fiber optic sensor manufacturers for industrial, medical, and telecom applications. Need high-precision solutions? Connect with verified suppliers today!

Fiber-optic Sensors - Buyer's Guide & Suppliers

This buyer's guide for fiber-optic sensors provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

FIBER-OPTIC SENSORS

Highest precision in design and manufacturing of the fibers and focal lenses ensure superior beam and spot accuracy allowing the detection of the smallest objects and height differences, even down to 100

Optical Fibers & OEM Fiber Assemblies | CeramOptec

Optical fibers & OEM fiber assemblies – precisely manufactured for laser technology, industry, medical applications & research.

Distributed Fiber Optic Sensing Solutions | AP Sensing

Based on a proven track record our Distributed Fiber Optic Sensing (DFOS) solutions ensure reliable asset protection even in the most

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Custom Fiber Optic Solutions & Optical Sensors | FOS

Discover precise fiber solutions for industrial applications. We specialize in custom fiber cables, fiber optic assemblies, and optical sensors.

Semiconductor & System Solutions | Infineon Technologies

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