

Dutch Fiber Optic Sensor OEM Manufacturer



Overview

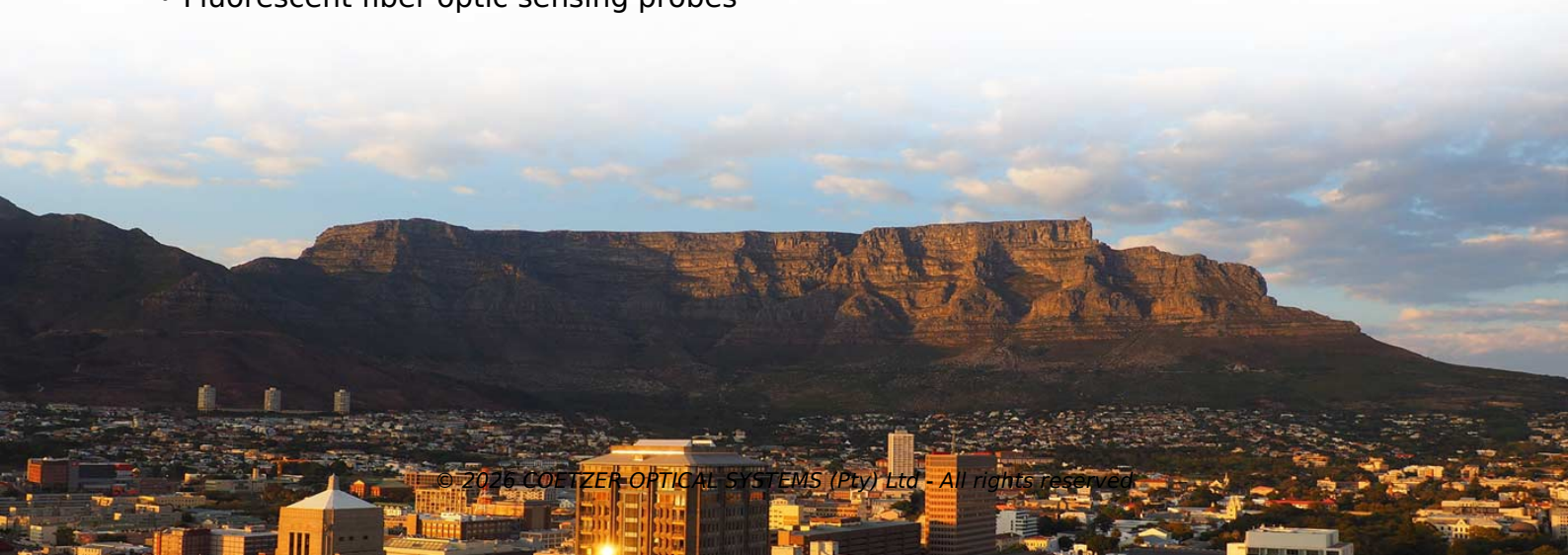
Explore 72 top manufacturers and suppliers of Fiber Optic Sensors in our comprehensive photonics buyers' guide.

Key Takeaways

FJINNO and PhotonFirst are leading Dutch OEM manufacturers of fiber optic sensors, offering customizable solutions for industrial and energy applications. FJINNO

FJINNO specializes in fiber optic temperature monitoring systems using fluorescent fiber optic technology, providing OEM/ODM and private-label services for the Dutch market and international clients. Their systems are widely used in power transformers, switchgear, and high-voltage busbars, offering electrical isolation, high reliability, and immunity to electromagnetic interference. FJINNO's OEM solutions include:

- Fiber optic temperature transmitters (signal demodulator units)
- Fluorescent fiber optic sensing probes



- Monitoring software compatible with SCADA, RTU, or local HMI systems Clients can customize components, branding, and documentation to meet project specifications, making FJINNO a preferred choice for transformer manufacturers, panel builders, and system integrators . They deliver globally and provide technical support aligned with European time zones.

PhotonFirst

PhotonFirst focuses on advanced fiber optic sensing solutions using Fiber Bragg Gratings (FBG) and integrated photonics technology . Their sensors measure temperature, pressure, strain, and vibration, enabling real-time monitoring for industries such as energy, defense, and industrial automation. PhotonFirst offers:

- Prototype-to-industrial-scale solutions
- High-sensitivity, non-intrusive optical sensors
- Customizable sensing systems for structural health monitoring and condition monitoring Their technology is trusted by leading companies and is designed to enhance safety, efficiency, and data-driven decision-making in complex industrial environments.

Other Notable Dutch Manufacturers

- Max. Optics11: Specializes in fiber optic sensing for structural health and condition monitoring, providing FBG interrogators and hydrophones .
- OMRON Industrial Automation: Offers fiber optic sensors and amplifiers for manufacturing process optimization .
- PhotonFirst: Provides integrated photonics-based sensing solutions with OEM capabilities .

Summary

For companies seeking OEM fiber optic sensors in the Netherlands, FJINNO and PhotonFirst are the most prominent options, offering customizable, high-quality, and industrial-grade solutions. These manufacturers support a wide range of applications, from high-voltage electrical monitoring to structural health and industrial automation, with full OEM/ODM services, global delivery, and technical support.

Article Content

Fiber Optic Sensors | Suppliers

Explore 72 top manufacturers and suppliers of Fiber Optic Sensors in our comprehensive photonics buyers' guide. A fiber optic

Top 100 Optics Manufacturers in Netherlands (2026) | ensun

Optics11 is a high-tech manufacturer that specializes in advanced fiber optic sensing systems, which are crucial for applications in

Fiber Optic Manufacturers & Suppliers in Netherlands | Trademo

Find and discover Fiber Optic manufacturers and suppliers for all products in Netherlands, featuring details on their shipment

Top 100 Optical Sensor Manufacturers in Netherlands (2026) | ensun

Discover all relevant Optical Sensor Manufacturers in Netherlands, including Optics11 and Omron Industrial Automation Europe

Optical Sensor Technology | FOS Inon Fiber Optics

Fiber optic sensors for precise measurement under demanding conditions. FOS Inon Fiber Optics develops and manufactures fiber

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

Fiber optic sensors and fiber optics | Baumer USA

A fiber optic sensor and two fiber optics made of plastic or glass fibers make up a fiber optic system. The sensor contains a light

Fiber Optic Sensors Manufacturers and Suppliers in the USA

Manufacturer and distributor of fiberopticsensors including fiberoptic photoelectric sensors and universal heavy-duty fiberoptic

Top Fiber Optic Cable Manufacturers in Netherlands

Eurofiber is a prominent provider of fiber-optic connections, boasting an extensive network of over 70,500 kilometers of fiber-optic

Top Companies in Distributed Fiber Optic Sensors 2034

The top companies in distributed fiber optic sensors market are shaping a rapidly evolving ecosystem driven by infrastructure

FIBER-OPTIC SENSORS

For over 30 years OMRON has been a supplier of fiber optic solutions to leading manufacturers, especially in the semiconductor, the

Somni Solutions | High performance fiber optic sensors

Somni Solutions specialises in the design and manufacturing of innovative high performance fiber optic sensors. These sensors use

Fibre Optic Sensors | Farnell Nederland

Koop Fibre Optic Sensors. Farnell Nederland biedt snelle offertes, verzending op dezelfde dag, snelle levering, ruime voorraad,

Home | OZ Optics Ltd.

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

OEM Optical Communication Solutions

Corning Original Equipment Manufacturer (OEM) is a global leader in optical physics, precision manufacturing and material science

Customized OEM Fiber Assemblies & Fiber Optic Systems

Custom OEM fiber assemblies and optical systems, engineered and manufactured for industrial, medical, and research applications

109 Fiber Optic Cable Manufacturers in 2026

This section provides an overview for fiber optic cables as well as their applications and principles. Also, please take a look at the list

Industrial Fiber Optics

Key Partnerships: Global Distribution Links: Authorized distributor for Asahi Kasei and Mitsubishi Chemical, two of the world's leading

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