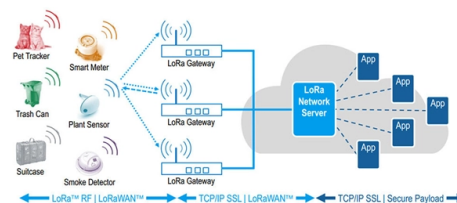


Estonian Matrix Fiber Optic Sensor Manufacturer



Overview

HansaMatrix is one of the leading manufacturers of electronic systems and components in Northern Europe in the transportation, telecommunications, energy management systems, IoT, medicine and defence technology sectors. LDI specializes in the development of advanced optical sensors, particularly their Remote Optical Watcher (ROW), which provides real-time, non-contact detection of oil spills in various environmental conditions. Their innovative technologies, such as laser remote sensing and fluorescence. CeramOptec supports medical device manufacturers with integrated OEM solutions combining fiber development, laser expertise and precise system integration. From development to scalable series production. Optical fiber solutions for applications from high temperature to radiation, harsh chemical. The production site in Tallinn, Estonia, is at the forefront of assembly, proudly standing as the largest fiber optic termination facility in the Baltic and Scandinavia. We provide stand-alone and turn-key. HansaMatrix provides electronics manufacturing services (EMS), preparing the production process of customer-developed products that ensures production of high value-added products in accordance with international quality standards.

Article Content

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Sensor technology has revolutionized the chemical industry by providing accurate, timely and reliable data across a wide range of

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Hexatronic Tallinn | Operations

Our production facility in Tallinn, Estonia, is the largest fiber optic termination house in Scandinavia and the

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Optics in Estonia: Research and Innovation Highlights

Based on citation data, an overview of that part of Estonian basic physical research where optical phenomena or

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Optical Fiber Medical Sensors Market in Baltics | Report

The Baltics optical fiber medical sensors market operates within the broader ecosystem of regulated medical devices

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Estonian Fiber Optic Sensor Distributor

Sensors – Mouser Estonia Sensors are available at Mouser Electronics from industry leading manufacturers. Mouser is an

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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

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Hexatronic Tallinn | Operations

Our production facility in Tallinn is a part of Hexatronic Baltic, serving customers such as mobile network

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Top 14 Optical Sensor Manufacturers in Estonia (2026) | ensun

Discover all relevant Optical Sensor Manufacturers in Estonia, including Laser Diagnostic Instruments AS and LightCode Photonics

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Top Fiber Optic Telecommunications Companies in Estonia

Key takeaway The company specializes in manufacturing and providing fiber optic products and solutions for the telecommunications

Feb 18, 2026

ams OSRAM is a global leader in innovative light and sensor solutions ...

We offer a distinct product and technology portfolio for sensing, illumination and visualization from high-performance LEDs and lasers

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Estonian Fiber OÜ

Estonian Fiber OÜ | 34 followers on LinkedIn. Automated design of fiber optic networks in Germany. Planung von Glasfaser-Netzen.

May 04, 2026

Hevi Optronics

Hevi Optronics is designing and developing precision-engineered electro-optical sensor systems for commercial and defence

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Fiber optic sensors and fiber optics | Baumer international

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

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When exploring the Optical Sensor industry in Estonia, several key considerations come into play. Estonia has a robust technology

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Optical Fibers & OEM Fiber Assemblies | CeramOptec

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

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Find 3800+ fiber optic sensor manufacturers for industrial, medical, and telecom applications. Need high-precision

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Estonian Fiber

Network Planner is responsible for designing and planning the deployment of fiber optic networks to residential and commercial

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Fiber Optic Sensors | Suppliers

A fiber optic sensor is a device that uses optical fibers to detect and measure physical, chemical, biological, or environmental

Oct 16, 2025

MATRIX-F II FT-NIR Spectrometer | Bruker

By using fiber optics technology, the difficult to reach measurement points can be accessed by industry

Dec 02, 2025

Fibre Optic Sensors – Mouser Estonia

Fibre Optic Sensors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Fibre Optic Sensors.

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Top 5 Optics Manufacturers in Estonia (2026) | ensun

LDI Innovation specializes in photonics, offering a range of services and products, including optical sensors, spectrofluorimeters, and

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Fiber Optic Medical Sensors for Catheter Pressure

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

May 01, 2026

Manufacturers

ETK Kablo became a global leading manufacturer and exporter of low current and fiber optic cables within years, correctly applied

Contact Us

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