

Article Overview

FONET Ltd. and fionec GmbH are leading Hungarian companies specializing in fiber optic sensor technology and optical measurement systems.

FONET Ltd.

Established in 1995, FONET Ltd. has extensive experience in fiber optic networks, including trade, manufacturing, network construction, and optical instrument calibration . Their products support applications in CATV, LAN, telecommunications, control engineering, and data acquisition networks. FONET manufactures patch and pigtail cables, installs optical connectors, and performs precise measurements according to international standards. They also act as a SEIKO FOC agent in Hungary, ensuring high-quality fiber optic components. Their expertise emphasizes both technological standards and long-term practical experience, making them a reliable partner for fiber optic sensor applications .

fionec GmbH

fionec GmbH is recognized as a technology leader in precision optical fiber measurement systems and custom fiber-optic components . The company develops tailor-made measuring solutions, including fiber-optic probes and optical fibers, and provides simulations, contract measurements, and feasibility studies. fionec also distributes Corning(R) optical fibers for metrology, laser technology, life sciences, and telecommunications. Their solutions are designed for precision manufacturing, enabling non-contact, standards-compliant measurements of roughness, form, and distance at production speed .

Other Notable Companies

Several other Hungarian firms contribute to the optical and fiber optic sensor sector:

- o Unoptix: Offers high-quality optical transceivers and accessories for IT and telecommunications networks, compatible with major network equipment .
- o Optogen Kft.: Designs and produces advanced optical components and systems for commercial and industrial applications .
- o Technoorg Linda: Provides dual wavelength optical spectrometers and high-precision sample preparation equipment relevant for optical sensor applications .

Applications

Hungarian fiber optic sensor technology is applied in:

- o Telecommunications and network infrastructure
- o Industrial metrology and precision measurement
- o Security and surveillance systems
- o Scientific research and life sciences

These companies combine customized solutions, high-quality components, and advanced measurement capabilities, making Hungary a notable hub for fiber optic sensor technology in Europe .

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

Find your fiber optic photoelectric sensor easily amongst the 34 products from the leading brands (Azbil, Pepperl+Fuchs, BANNER,

Development of fiber optic sensor technology In industrial manufacturing, especially in automotive, microsystems and medical

View results and find hungarian fiber optic temperature sensor company datasheets and circuit and application notes in pdf format.

With over 30 years of experience, we are your expert partner for high-quality fiber optic cables and sensor technology. At our location

Luna fiber optic sensing and measurement systems help design, build and maintain products and

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

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

As our Company is a SEIKO FOC (Fiber Optic Components) agent in Hungary, connectors and technology are provided by SEIKO.

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

Fiber SenSys®; Inc., (FSI) is the market-leading manufacturer of fiber-optic intrusion detection systems

for outdoor perimeters and

A fiber-optic sensor is a sensor that uses optical fiber either as the sensing element ("intrinsic sensors"), or as a means of relaying

Access 350 verified Fiber Optic Suppliers in Hungary with shipment-level prices, volumes, routes, buyer networks, and verified

Innovations in sensor design, materials, and manufacturing processes have led to the development of more efficient

FISO Technologies Inc. (FISO), a leading manufacturer of high-quality Fiber-Optic sensors and signal conditioners, is

Sintela is Leading distributed fiber optic sensing company offering monitoring solutions for mining,

Web: <https://morwarreconst.co.za>

