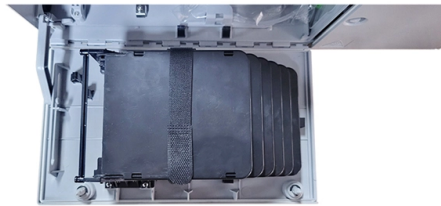


Portuguese Mechanical Fiber Optic Sensor Brand



Overview

Founded in 2004 in Porto, Portugal, as FiberSensing, the company offers the most complete portfolio of FBG sensors to measure strain, temperature, tilt, acceleration, and displacement, as well as measurement units and software packages for interconnection to external systems. HBK FiberSensing is a business subsidiary of HBK – Hottinger Brüel & Kjær and a world leader in the development and production of advanced monitoring systems based on optical Fiber Bragg Grating (FBG) technology. HBK advanced fiber optic technology solutions are centred around HBK FiberSensing. Operating from Porto. It was in the early 1980s that INESC TEC started working in the field of optical fibre sensors and the year 2014 is a landmark in this story, as that was the year INESC TEC sold its spin-off FiberSensing to a German multinational. Certified ISO 9001 and ISO 40005 standards. Provides optical sensors, interrogators, software and components together with complete measurement and monitoring. Vision-Box is a technology company that specializes in innovative biometric solutions, including advanced technologies like face recognition, iris scanning, and fingerprint identification, which are crucial for enhancing security and efficiency in travel and border control.



Article Content

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Bragg fiber optic measurement system

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Market Plier is Portuguese (Fiber Optic Cable Core)

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When exploring the fiber optic cable industry in Portugal, several key considerations emerge. The country has been advancing its telecommunications infrastructure, with significant investments in

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This led to the evolution of remote sensing and, in principle, multi-point measurement supported by a single optical fiber feasible.

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After their return to Porto, Portugal, the know-how acquired during their stay at Kent and the collaboration paths that followed between the University of Porto and University of Kent were

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Optical Fibre Sensors

In Portugal in the 1980s, the research on optical fibres was taking its first steps, and one of the most cohesive research groups was working in the city of Porto. The

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HBK FiberSensing S.A., Optical Business | Photonics Buyers' Guide ...

Specializes in the development and production of advanced monitoring systems based on optical fiber Bragg grating (FBG) technology. Certified ISO 9001 and ISO 40005 standards. Provides optical

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Optical Fiber Sensor Technology in Portugal

Abstract A general overview of the R& D activity in fiber optic sensing developed over the last fifteen years in Portugal is given. Different topics are addressed, including interferometric, intensity and

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Optical measurement solutions from HBK

Bringing light to measurement HBK advanced fiber optic technology solutions are centred around HBK FiberSensing. Operating from Porto, Portugal, our dedicated team specialises in the development,

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Fiber-optic sensing (FOS) technology has emerged as a cutting-edge research focus in the sensor field due to its miniaturized structure, high sensitivity,

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Operating from Porto, Portugal, our dedicated team specialises in the development, design, and manufacturing of Fiber Bragg Grating (FBG) based sensors and systems.

Contact Us

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