

What are some manufacturers of temperature-measuring optical cables in Austria



AI Overview

Key Austrian manufacturers of temperature-measuring optical cables include COMEM, Sensorik Austria, and E+E Elektronik, all offering advanced fiber-optic sensing solutions for industrial applications. COMEM specializes in fiber-optic temperature sensors using Gallium Arsenide (GaAs) crystals at the fiber tip, providing highly accurate temperature measurements in environments with microwave radiation, high-frequency interference, or strong electromagnetic fields. Their sensors are fully non-metallic and dielectric, ensuring immunity to EMI/RFI, and are suitable for harsh industrial conditions. COMEM also offers customizable semi-rigid probes and integration with FOTEMP monitoring devices for precise and repeatable measurements. Sensorik Austria provides fiber-optic sensors for object detection, color recognition, and now material and moisture measurement, including temperature applications. Their sensors are designed for difficult-to-access or harsh environments, with fiber optics up to 25 meters long. They are widely used in mechanical engineering and industrial sectors, particularly where conventional sensors cannot operate due to high temperatures, contamination, or explosive atmospheres (ATEX compliance). E+E Elektronik develops sensors and transmitters for temperature, humidity, and CO₂, including modular systems that can integrate multiple sensing probes. Their solutions are designed for industrial flexibility and precision, making them suitable for applications requiring temperature monitoring via optical or fiber-based technologies. Additional Notes Other Austrian companies involved in optical sensor technology include ams-OSRAM AG, ScioSense...

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Top Fiber Optic Cable Manufacturing Companies in Austria

When exploring the Fiber Optic Cable Manufacturing industry in Austria, several key considerations come into play. The country is known for its stringent regulations regarding manufacturing standards,

Temperature Control | Monitoring of temperature profiles

Solifos' fiber optic sensor cables are suitable for measure temperatures in harsh environments where other methods are not possible. Temperature ranges from -180°C to +600°C are covered.

Top Fiber Optic Cable Manufacturing Companies in Austria

Discover all relevant Fiber Optic Cable Manufacturing Companies in Austria, including Mosdorfer GmbH and Pengg Kabel GmbH

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Top Fiber Optic Cable Manufacturers in Austria

When exploring the Fiber Optic Cable industry in Austria, several key considerations are essential. The regulatory environment is crucial, as compliance with EU directives and national laws influences

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Sensor cables with state-of-the-art fiber optic sensors | Solifos AG

Precise monitoring of temperature over long distance in structures and industrial processes. Solifos' fiber optic sensor cables are suitable for measure temperatures in harsh environments where other

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Sensor cables

Alongside their use in data transmission, optical fibers can also be used for measuring temperature, light, breakage, expansion, pressure, and oscillation. This functionality offers effective monitoring of

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High-temperature fibers | WEINERT Industries AG

For use in higher temperature ranges, all optical fibers based on Fused Silica can be optionally equipped with heat-resistant coating materials. This extends the potential field of application to a range from

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At two production sites in Austria, we produce cables (copper telecoms cable, rail signal cable and fiber optic cable) to customer specifications and also to cover the complete product range of passive fiber

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