Tajikistan Jiaotong University Fiber Optic Sensing

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Credit: Jianlong Yang, Shanghai Jiao Tong University in China To capture physical interaction using light rather than traditional electrical sensors, they developed a sensor that consists ...

In a groundbreaking advancement that promises to redefine tactile sensing in miniature machines and medical devices, researchers from Shanghai Jiao Tong University have engineered an ...

In the future, AllianStream Photonics will continue to collaborate with Shanghai Jiao Tong University, focusing on photonic integration and fiber optic sensing.

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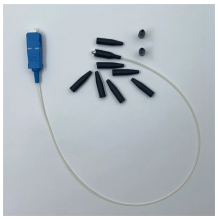
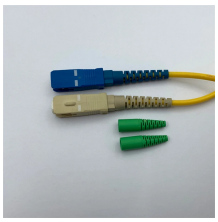


Fibre-optic sensing techniques play a vital role in the larger family of photonic sensing techniques, and have undergone a significant evolution over the years with advanced performance, from fundamental ...



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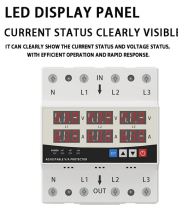
A novel three-axis resonant fiber-optic gyroscope (RFOG) configuration with a multiplexed broadband light source is proposed and demonstrated.

Jianlong Yang, Shanghai Jiao Tong University in China Researchers in China have developed a rice-sized optical sensor that could give surgical robots and medical tools a sense of touch.



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