

This review holds important academic and practical value. From a scholarly perspective, it systematically addresses the entire technical chain of optical fiber pressure sensors, covering fundamental physical ...

This paper conducts a systematic analysis of the sensing mechanisms in fiber-optic pressure sensors, with a particular focus on the performance optimization effects of fiber structures ...

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Explore fiber optic pressure sensor types, working principles, advantages like EM immunity, and disadvantages like fragility.

The goal of this project is to develop a quasi-distributed fiber-optic sensor system for multipoint pressure and temperature measurement in nuclear power plants.

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Projection-type fiber optic pressure sensor

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