Application of Optical Cable Photoelectric Measurement Technology

In summary, This Special Issue presents a variety of advanced laser measurement techniques and their interesting applications in many areas. We hope that this SI will help researchers to better ...

This paper describes a measuring device to measure cable length and diameter simultaneously, accomplish online production process control. The device consists mainly of a synchronous sampling ...

Its application has been successfully used on the three-core photoelectric composite submarine cable, on the project (management and safety of submarine cables) conducted in the East ...

Modern optical sensors are an extremely useful solution that more and more companies in the industrial sector are opting for every year. They enable accurate and reliable detection of objects without ...

The application of these new photoelectric detection devices can not only improve the accuracy and real-time performance of mechanical quantity detection but also expand the application of ...

Fiber-optic cables are an ideal solution where installation space is restricted in the electronics industry, e.g. to detect small pins on integrated circuits. Sensors can be mounted some distance away from ...

Learn all about various sensors--including fiber optic sensors, photoelectric sensors, laser sensors, and contact sensors--with detailed information on measurement principles and applications.

The status of an optic-electric composite high-voltage submarine cable (referred to as submarine cable) can be monitored based on optical fiber-distributed sensing technology, and at the ...

A growing understanding of the photoelectric effect over the next fifty years led to the development and evolution of various opto-electronic devices. The first applied photoelectric device was the ...

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