

How to check fiber optic sensors



Overview

When it comes to testing fiber optic cables, a Visual Fault Locator (VFL) is an essential tool in your toolkit. Fiber optic cable is a type of cabling that contains one or more optical fibers for transmitting data at high speeds and/or over long distances using light. It's a cost-effective and. Fiber-optic sensors detect objects and conditions by directing light to a test object and evaluating the intensity change of the returning light. They can detect very small objects, are particularly flexible to mount and are extremely resistant in harsh environments – even in high temperatures. A fiber-optic sensor is a sensor that uses optical fiber either as the sensing element ("intrinsic sensors"), or as a means of relaying signals from a remote sensor to the electronics that process the signals ("extrinsic sensors"). Fibers have many uses in remote sensing.



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Fiber-optic sensor

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