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Omron's fiber optic sensors and amplifiers offer high-speed, accurate and reliable detection in a compact package. Discover the range now.

*1 For details on the detecting distance, see the fibre amplifier catalogue. *2 The minimum detectable object is the value when the detecting distance and sensitivity have been set to their optimal state.

What is a Fibre Optic Sensor? A fibre optic sensor is an instrument that measures light from an LED (or other device) for detection purposes. These devices are most commonly used in factory automation ...

The Fibre Strain Sensor is the fibre optic equivalent of an electrical strain gauge. The single sensor can be mounted directly to the structure under test by means of a suitable adhesive or as a chain of ...

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