

# S11 Fiber Optic Sensor



## Article Overview

The Panasonic FT-S11 is a through-beam fiber optic sensor with a 0–90 mm sensing range, IP67 protection, and durable stainless steel fittings for industrial applications.

### Key Specifications

- Type: Through-beam fiber optic sensor (Thru-Beam)
- Sensing Range: 0 to 90 mm (3.543 inches)
- Fiber Length: 2 meters
- Housing: Cylindrical, stainless steel fittings for robust mounting
- Tip Diameter: Ultra-thin fibers with 0.25 mm (0.010 in) tips
- Protection Rating: IP67, suitable for harsh environments
- Beam Type: Uniform beams at the fiber aperture for stable sensing

### Features

- Durability: High-quality fiber reduces the risk of breaking or bending during installation, making it suitable for moving parts and precise applications .
- Mounting Flexibility: Slender shape allows installation in narrow locations using set screws, and stainless steel fittings enhance mounting strength .
- Environmental Resistance: Resistant to oil, chemicals, heat, and vacuum conditions, making it ideal for industrial automation .
- Versatility: Can be used in various configurations including threaded, square head, cylindrical, sleeve, flat, narrow or wide beam, and for liquid detection .

### Applications...

## Article Content

Fiber Optic Sensor Cables for Advanced Monitoring | AP Sensing

Fiber optic sensor cables are the key enabler for real-time monitoring of temperature, strain, and acoustic signals across diverse and

FiberPatrol FP1150

FiberPatrol FP1150 Fiber Optic Sensor Intrusion Detection System. Detect and locate perimeter intrusions up to 10 km. Fiber Optic

Introduction to Fiber Optic Sensors and their Types

Article provides different types of Fiber optic sensors and applications is a sensor that uses optical fibers for sensing the element

Fiber Optic Sensor

Fiber optic sensors are defined as devices that utilize optical fibers to measure a variety of stimuli, including mechanical, thermal,

Fiber optic sensors and fiber optics | Baumer international

Fiber optic sensors and fiber optics - limitless and customized The perfect solution with the fiber optics sensor toolbox Over 350

Fiber Optic Sensors and Amplifiers

Omron's high-performance fiber optic sensors and amplifiers come in a wide variety of configurations to meet your specialized

What is a Fiber Optic Sensor?

A fiber optic sensor operates with an optical fiber cable connected to a dedicated light source. These sensors offer great mounting

New in box FT-S11 Fiber Optic Sensor (1PCS) \*pz

Entdecke New in box FT-S11 Fiber Optic Sensor (1PCS) \*pz in großer Auswahl  
Vergleichen Angebote und Preise Online kaufen bei

Original Fiber Optic Sensor FT-S11 Optical Fiber Through-type Sensor

FT-S11 Brand Name standard Usage standard Description standard Type  
Photoelectric Sensor Series standard Features standard

FT-S11 Fiber Sensor | Lubi Electronics

FT-S11 Panasonic and Fiber Sensor in Cylindrical Type Fiber Head with technical specification, product specification, datasheet,

What is Fiber Optic Sensing?

What is Fiber Optic Sensing? Fiber optic sensing uses the physical properties of light as it travels along a fiber to detect changes in

Panasonic FT-S11 ThruBeam Fiber Optic Cable

Description: Panasonic FT-S11 ThruBeam Fiber Optic Cable, Cylindrical Type, ø1mm, .5m R2 High-Flex Non-Cuttable Cable, Ultra

FT-S11 Panasonic Industrial Automation | Mouser

Panasonic Industrial Automation FT Thru-Beam Type Fiber Optic Sensors feature tough, high-quality fiber and a reduced risk of

Optical Fiber Sensors Guide

Optical fiber sensors offer attractive characteristics that make them very suitable and, in some cases, the only viable sensing

FT-S11 PANASONIC

PANASONIC FT-S11 | Sensor: fiber-optic; Range: 0÷90mm; IP67; Len: 2m; Housing: Ø1 - This product is available in Transfer

Fiber-optic sensor

A fiber-optic sensor is a sensor that uses optical fiber either as the sensing element ("intrinsic sensors"), or as a means of relaying

Technology of Fiber-Optic Sensors | wenglor

Fiber-optic sensors detect objects and conditions by directing light to a test object and evaluating the intensity change of the

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: [sales@gmarkconstruction.co.za](mailto:sales@gmarkconstruction.co.za)

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

