

FTC Fiber Optic Sensor



Overview

The Photon Control FGA-0172A Fiber Optic Temperature Sensor with FTC-DIN-SSMA-2512 Controller is a state-of-the-art thermal monitoring solution designed for high-precision temperature measurements in various industrial applications. F&C Sensing Technology (Hunan)Co.,Ltd is specialized in the R&D, production and sales of automation control sensors. ※The sensing distance is a standard for red LED of BF4 Series and 10% of red LED is applied when it is green LED. sensing target is a value measured opaque material in accurate output status and the sensing distance is different with the. The Fiber Optic Sensing Association (FOSA) is dedicated to accelerating the use of distributed and quasi-distributed optical fiber sensing technologies. The fiber becomes the sensor while the interrogator injects laser energy into the fiber and detects. As the only public open market distributor, we possess a unique combination of global access,manufacturing industry expertise, and proven quality.



Article Content

Sep 11, 2025

Optical pH Sensors & Meters

The pH-mini & pH-micro are precise fiber optic pH meters. They are used with contactless or micro-invasive optical sensors. A PC is connected to run the easy-to-use software. The multi-channel

Mar 30, 2026

PHOTON Control FIBER OPTIC TEMPERATURE

PHOTON FGA-0174E Fiber Optic Temp Sensor/Converter FTC-DIN \$125.00 + \$29.40 delivery

Apr 14, 2026

FTC-DIN-SSMA-2512 Photon Fiber Optic Temperature Sensor FGA

Home / Lam Research Parts / FTC-DIN-SSMA-2512 Photon Fiber Optic Temperature Sensor FGA-0172A

Jun 18, 2026

Fiber Optic Temperature Sensors

Fiber Optic Temperature Sensors provide access to more comprehensive data in environments where traditional electrical sensors are unreliable. The fiber optic temperature sensor system consists of a

Nov 09, 2025

FGA-0172A PHOTON CONTROL Fiber Optic

The Photon Control FGA-0172A Fiber Optic Temperature Sensor with FTC-DIN-SSMA-2512 EFGA-0172A is a high-performance temperature sensor that offers

Jun 06, 2026

FTC-220-05-Special optical fiber-F& C sensors

Our main products includes: fiber optic sensor, fiber optic amplifier, proximity sensor, photoelectric sensor, ultrasonic sensor, label sensor, light curtain,laser sensor,laser alignment, laser displacement

Jun 26, 2026

PHOTON CONTROL FTC-DIN-SSMA-2512 FIBER

Find many great new & used options and get the best deals for PHOTON CONTROL FTC-DIN-SSMA-2512 FIBER OPTIC TEMPERATURE

Jun 17, 2026

Optoelectronics

FTC Electronics offers a wide range of Fiber Optics - Transmitters - Discrete. We have more than enough suppliers to meet your needs. Click here to get more information!

Aug 12, 2025

Introduction to Fiber Optic Sensing

Distributed and quasi-distributed fiber optic sensors are systems that connect optoelectronic interrogators to an optical fiber (or cable), converting the fiber to an array of distributed sensors. The

May 23, 2026

South Korea Fiber Optic Sensor Market Size, Share & Trends 2035

South Korea Fiber Optic Sensor Market is projected to reach 241.66 USD Million, at a 11.09% CAGR by driving industry size, share, top company analysis, segments research, trends and

Jan 01, 2026

FGA-0172A PHOTON CONTROL Fiber Optic

The FTC-DIN-SSMA-2512 Controller is a user-friendly device that provides an intuitive interface for configuring and monitoring the FGA-0172A Fiber Optic

Nov 08, 2025

World Precision Instruments | PreSens Oxygen Sensors

The sensor stick can be mounted on flow-through cells of different size and shape, according to requirements. The sensor inside the FTC is connected to the pH

Jun 25, 2026

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 signals from a remote sensor to the electronics that process the signals

Jul 13, 2025

FGA-0173A PHOTON CONTROL Fiber Optic

Conclusion: The Photon Control FGA-0173A Fiber Optic Temperature Sensor with FTC-DIN-SST-2513 and EFGA-0173A offers high accuracy, wide temperature

Feb 23, 2026

FIRST Tech Challenge

Hookup Guide Software Setup FIRST Tech Challenge Update the FTC Robot Controller Attention Version v9.2 of the FTC SDK added our Java driver, so it is

Apr 30, 2026

Temperature Converters | Fiber Optic Temperature Sensors

MKS" fiber optic multichannel temperature converters are compatible with all fiber optic sensor probes and offer industry leading accuracy, repeatability, and reliability for temperature monitoring applications.

Oct 21, 2025

1 pcs NEW IN BOX AUTONICS optical fiber sensor cable FTC-320-10

Find many great new & used options and get the best deals for 1 pcs NEW IN BOX AUTONICS optical fiber sensor cable FTC-320-10 at the best online prices at eBay! Free shipping for

Nov 23, 2025

Sensors — FIRST Tech Challenge Docs 0.3

An Optical Time of Flight (ToF) Sensor is a device that is able to measure the distance between an object and the sensor. It does this by sending out a light

Oct 21, 2025

LAM Research 666-045257-006 Photon Control FGA

LAM Research 666-045257-006 Photon Control FGA-0172K FTC-DIN-SSMA-2512-EP2B Fiber Optic Temperature Sensor/Converter Availability: In Stock US\$250

Dec 01, 2025

Fiber Optic Sensing Association (FOSA)

Fiber optic sensing is used around the world to monitor smart infrastructure, including tunnels, railways, bridges, borders, power stations and pipelines. It is also used in down hole oil and gas applications,

Jan 23, 2026

FTC-220-05-Special optical fiber-F& C sensors

F& C Sensing Technology (Hunan)Co.,Ltd, Wholly-owned subsidiaries of F& C Sensing Technology, was established in 2004 in Changsha.F& C Sensing Technology (Hunan)Co.,Ltd is specialized in the

Aug 17, 2025

FTC-320-10

It is applied to 40% of sensing distance for BF3RX. ※Min. sensing target is a value measured opaque material in accurate output status and the sensing distance is different with the rated sensing distance.

Mar 08, 2026

MKS Fiber Optic Temperature Sensor FTP

MKS Instruments, a prominent manufacturer, offers several fiber optic temperature monitoring solutions including the FTP-C150 probes, FTC-DIN-GT converters, FTC-MC5

Oct 06, 2025

Fiber Optic Cable

Break-resistant optical fiber: The fiber units contain a large number of independent fine fibers, by ensuring a high degree of flexibility. It can be used for moving parts (robot hand) and it is not easily

Dec 14, 2025

PHOTON FGA-0174E Fiber Optic Temperature

PHOTON FGA-0174E is a genuine, high-precision Fiber Optic Temperature Sensor/Converter. This unit uses light to measure temperature, providing key

Contact Us

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