

Fiber Optic Sensor FC-D1



Overview

Ultra-small diameter fibers with a compact head ensure precision centering accuracy to stably detect minute parts. Sensing of minute objects can be performed by combining the fiber and spot lens. 6 times longer sensing range than conventional models! Reflective type FD-R35G has been added. It has a high-precision detection ability that is ahead of similar products. When installation space is extremely limited or the objects to be detected are tiny, fiber-optic sensors are the ideal solution. If it is necessary for even higher requirements to be fulfilled, such as sensing range, temperature resistance, material durability or a flexible mounting process, the FZAM 30BFC Series makes for 32 units of fiber optic amplifier, BF5 Series, to connect. BFC Series helps for BF5 Series to execute all functions, to set parameters, to monitor real-time data (received light level, output status) via external device (PC, PLC, etc. Can be used without worry in factories or with devices in which contact with water occurs.



Article Content

Hot

Digital Fiber Sensor FX-D1 (Discontinued Products)

Digital Fiber Sensor FX-D1 (Discontinued Products) Download Catalog/ Datasheet
Manual Discontinued Products Specifications Dimensions

Jan 06, 2026 Hot

Photoelectric Sensors | Fiber-Optic Sensors | Basic

Mounting holes Features mounting holes for M3 screws. This enables the Fiber-Optic Sensors to be mounted without use of a DIN rail or mounting bracket. Degree of

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Fiber Optic Sensors; Proximity Sensors; Photoelectric

Fiber Optic Sensors; Proximity Sensors; Photoelectric Sensors; Label Sensors;
Ultrasonic Sensors Supplier, Fiber Optic Sensor, Proximity Sensor

Aug 27, 2025 Hot

Fiber-Optic Sensing Technologies

By taking advantage of these economies of scale, fiber-optic sensors and instruments have moved to broad usage and applicability in field applications such as structural health monitoring. Fiber-optic

May 07, 2026 Hot

Fiber Optic Autonics BFX-D1-N

Buy Fiber Optic Autonics BFX-D1-N on Shop | Tokopedia. Discover great prices on Alat Ukur Listrik and get free shipping on eligible items. Shop now for exclusive deals!

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Optical Fiber Sensors Guide

Optical fiber sensors offer attractive characteristics that make them very suitable and, in some cases, the only viable sensing solution. Some of the key attributes of fiber sensors are summarized below.

Feb 22, 2026 Hot

Photoelectric Sensors | Fiber-Optic Sensors | EtherCAT

Management of connected sensors over the network for great improvement of operation efficiency Setup, monitoring and maintenance of connected sensors

Feb 28, 2026 Hot

Fiber Optic Sensor-F& C sensors

It has a high-precision detection ability that is ahead of similar products and a detection distance beyond conventional optical fibers; the optical fiber sensor is made of stainless steel, and the fiber head is

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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

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Fiso FOT-M-SD-C4-F1-M10-R2-ST (Fiber Optic

FOT-M-SD-C4-F1-M10-R2-ST Fiber Optic Temperature Sensor from Fiso | Buy Today from Artisan. 30-Day Return Guarantee. 1-Year Warranty. Fast Shipping.

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Photoelectric Sensors | Fiber-Optic Sensors | Basic

photoelectric sensors including fiber sensors, displacement sensors, vision sensors, LED lightings for machine vision, non-contact thermometers and accessories for

Dec 15, 2025 Hot

F& C Sensing Technology Product Overview | PDF | Optical Fiber

F& C Sensing Technology is a sensor manufacturer based in Taiwan, Dongguan, and Changsha with over 20 years of experience. They produce over 3,000 fiber optic and custom sensor models and

Apr 28, 2026 Hot

1~30dB FC/UPC/APC Type Variable Fiber Optic Attenuator for

1~30dB Single Mode Attenuator FC/UPC/APC Type 1260 To 1620nm Wavelength
1~30dB FC/UPC/APC Type 1260 to 1620nm Wavelength Singlemode Attenuators
Variable Fiber Optic Attenuator Product

Jul 10, 2025 Hot

B. Fiber optic sensors_20160425 dd

BFC Series helps for BF5 Series to execute all functions, to set parameters, to monitor real-time data (received light level, output status) via external device (PC, PLC, etc.). BFC Series makes for 32

Aug 08, 2025 Hot

BFX-D1-N AUTONICS

AUTONICS BFX-D1-N | Sensor: optical fiber amplifier; NPN; IP40; 12÷24VDC; 100mA - This product is available in Transfer Multisort Elektronik. Check out our

Sep 17, 2025 Hot

AUTONICS BFX-D1-N WITH FD 620-10 DIFFUSE SENSOR FIBRE OPTIC

MODEL BFX-D1-N FIBER SENSOR AMPLIFIER FIBER OPTICS SENSOR MODEL FD 620-10R (SENSING 130mm) DEPEND ON COLOUR ITEMS.DARKER ITEM SUCH AS BLACK MAY REACH 130MM.

Nov 26, 2025 Hot

Detection sensors

When installation space is extremely limited or the objects to be detected are tiny, fiber-optic sensors are the ideal solution.

Aug 09, 2025 Hot

Fiber Sensors

Panasonic FA Sensor Fiber Sensors product information Contact Us Control Components & Electronic Device Products Technical Support Relays, Couplers,

Mar 20, 2026 Hot

Fibre Optic Sensors | KEYENCE India

KEYENCE India provides Fibre Optic Sensors; Perform high-performance, high-speed detection with optical fibres designed to be used in a variety of

Nov 29, 2025 Hot

BFX-D1-P-LCD Display Digital Fiber Optic Amplifiers

Autonics produce industrial sensors range such as laser sensors, photoelectric sensors, inductive proximity sensors, fiber optic sensors, photomicro sensors and

Sep 11, 2025 Hot

F& C FF-403 Digital Display Fibre Optical Sensors

F& C FF-403 Digital Display Fibre Optical Sensors, Find Details and Price about Fiber Sensor Amplifier from F& C FF-403 Digital Display Fibre Optical Sensors - F& C

Aug 19, 2025 Hot

Fiber optic sensors | Baumer Germany

Detection range 1200 / 240 mm with 1 ms response time Infrared LED for humid or dusty environments Compatible with Baumer fiber optics type B Robust die-cast aluminum housing

Nov 06, 2025 Hot

Optical CO Sensors & Meters

cise fiber optic CO2 meter. It is used with CO2 sensor spots, robust probes or flow-through cell with an integrated sensor. The meter is controlled with a user-friendly software. pCO2 mini is additionally

Nov 30, 2025 Hot

Detection sensors

Discover our Fiber-optic sensors. When installation space is extremely limited or the objects to be detected are tiny, fiber-optic sensors are the ideal solution. If it is necessary for even higher

Sep 05, 2025 Hot

Photoelectric Sensors | Fiber-Optic Sensors | Basic

Featuring an IP66 structure uncommon for Fiber-Optic Sensors. Can be used without worry in factories or with devices in which contact with water occurs. Both a cost

Jun 20, 2026 Hot

Fiber Sensors

Liquid Leak / Liquid Detection Fiber It corresponds to various liquid events, from the contact (wetted) type to the pipe mounting type, and up to leak detection.

Oct 21, 2025 Hot

Fiber Optic Sensor-F& C sensors

Fiber Optic Sensor F& C Jiazhun provides stable optical fiber amplifiers and optical fiber sensors suitable for various industrial occasions, which can realize accurate detection of various tiny objects in small

Apr 12, 2026 Hot

D1 DISPLACEMENT SENSOR

D1 displacement sensor is specifically designed to measure displacement between two gage points on a monitoring surface. The gage design is flexible enough to allow for easy attachment to various

Jan 27, 2026 Hot

FIBER-OPTIC SENSORS

Standard cylindrical fiber sensor heads The standard cylindrical fiber optic sensor heads provide reliable object detection, easy installation and long sensor lifetime for all general applications.

Jun 27, 2026

Contact Us

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

Website: <https://eedenmarketing.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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