

How to set up the FSV31P fiber optic sensor



Overview

While pressing "L/D ON" button, hold the "set" button as well for about 5 seconds. This manual provides essential instructions for the safe and effective use of the Keyence FS-V31 Fiber Optic Sensor. It operates on a. Keyence FS-V31 is a versatile fiber optic sensor offering a range of detection modes, including normal, dynamic sensitivity correction (DSC), area detection, and edge detection. Current Value range: 0 to 64,512; Excess gain: 0P to 999P, Timer duration selectable: 0. PNP open-collector 24 V, 100 mA max. (when the. en set to "M", the power mode ircuit curren he claw at the bottom of the main body with the DIN rail. While pushing the main body in the direction emove the protection cover on the side of the mai the connected amplifiers in the same way as in apter provided with the thin fiber unit will be. Read this manual before using the product in order to achieve maximum performance. UL Certificate This product is an UL/C-UL Listed product. As the main display changes, use the.



Article Content

Jan 06, 2026

FS-V31P Fiber Amplifier Manual | PDF | Light Emitting

This document provides specifications for the FS-V31P fiber amplifier, including: 1. It is a 1-output cable type main unit with a red 4-element LED light source and

Jun 12, 2026

KEYENCE FS-V31P Digital Optic fiber Sensor Amplifier PNP

Digital Optic fiber Sensor Amplifier PNP KEYENCE FS-V31P new comes with its original packaging with a functional warranty in order to ensure you an optimal performance of it.

Jan 17, 2026

KEYENCE FS-32C (P) User Manual | 6 pages | Also for: FS-32 (P),

If a thin fiber unit is used, an adapter provided with the thin fiber unit will be required. Unless the right adapter is connected, the thin fiber unit will not detect targets correctly.

May 16, 2026

Keyence FS-V31 Sensor Manual | PDF | Optical Fiber

The manual advises against using the digital fiber sensor in hazardous environments or potentially explosive atmospheres as it is not explosion-proof. It is intended

Sep 02, 2025

Keyence FS-V31P Digital Fiber Optic Sensor, Amplifier, Cable Type,

Keyence Keyence FS-V31P Digital Fiber Optic Sensor, Amplifier, Cable Type, Main Unt, PNP Write a Review \$185.07 SKU: B2E-TRO-14278 Condition: New Availability: In Stock - Ships

Mar 31, 2026

Keyence FS-V31 Manual: AI Chat & Instant PDF Access

Keyence FS-V31 instruction manual with AI. Get instant answers, download the PDF, or chat with our AI assistant for help with your sensor.

May 25, 2026

Fibre Amplifier, Cable Type, Main Unit, PNP

Fibre Amplifier, Cable Type, Main Unit, PNP FS-V31P *Please note that accessories depicted in the image are for illustrative purposes only and may not be included

Oct 14, 2025

Models : Digital Fiber Optic Sensor

Models in FS-V30 series by KEYENCE America: Cable, End unit, Fiber Amplifier, Fiber unit, Optional parts.

Oct 08, 2025

Optical Sensors For Beginners: Keyence FS-V31 (FS

FS-V31 is an optical sensor amplifier which comes with various functions and settings to suit different environments and detections. Hence, it is important to

Dec 21, 2025

Keyence FS-V31 Fiber Optic Sensor Instruction Manual

The Keyence FS-V31 Fiber Optic Sensor consists of the main sensor unit and an integrated cable. Key features include control buttons and indicator lights for easy setup and monitoring.

Nov 19, 2025

Manual Sensor Keyence | PDF | Optical Fiber | Amplifier

When setting up the fiber unit connection to the FS-V31 amplifier, it is crucial to ensure the dust cover is opened, and the fiber lock lever is correctly positioned.

Sep 25, 2025

Keyence FS-V31 Sensor Manual | PDF | Optical Fiber

AS_140507_FS-V30_IM_96M18088_WW_GB_2034_1a - Free download as PDF File (.pdf), Text File (.txt) or view presentation slides online.

Aug 21, 2025

Fiber Amplifier, Cable Type, Main Unit, PNP FS-V31P Specifications

*4 If more than one unit is used together, the ambient temperature varies with the conditions below. Mount the units on the DIN rail with mounting brackets and check that the output current is 20 mA or

Jul 13, 2025

Specs : Digital Fibre Optic Sensors

Specs Digital Fibre Optic Sensors FS-V30 series Main unit: NPN Main unit: PNP Main unit: NPN

Mar 21, 2026

Fiber Optic Sensors

When detecting falling or minute targets, it is very difficult to make sensitivity adjustments to manual fiber-optic sensors. Fully automatic calibration is unique to digital sensors.

Jun 26, 2026

Keyence FS-V31 Fiber Optic Sensor Instruction Manual

Comprehensive instruction manual for the Keyence FS-V31 Fiber Optic Sensor, covering setup, operation, maintenance, troubleshooting, and specifications for

Sep 23, 2025

Fibre Amplifier, Cable Type, Main Unit, PNPFS-V31P

Digital Fibre Optic Sensors Overview Specs Models Downloads Price Home Products Sensors Fibre Optic Sensors Digital Fibre Optic Sensors Models Fibre Amplifier, Cable Type, Main Unit, PNP

Dec 27, 2025

Keyence FS-V31 Fiber Optic Sensor Instruction Manual

This manual provides essential instructions for the safe and effective use of the Keyence FS-V31 Fiber Optic Sensor. The FS-V31 is a digital, single-control fiber optic sensor designed for industrial

Feb 26, 2026

Keyence FS-V31P KEYENCE FIBRE OPTIC AMPLIFIER | Kempston Controls

Keyence FS-V31P KEYENCE FIBRE OPTIC AMPLIFIER, distributed by Kempston Controls. Shipping to 240+ countries worldwide.

Oct 02, 2025

FS-V31P, Keyence, Digital Fiber Optic Sensor | ELTRA TRADE

Keyence FS-V31P fiber amplifier is a main module with a cable, has protection against power reverse connection, output overcurrent and surge, output reverse connection.

Jul 12, 2025

Finding the Right fs v31p Manual for Your Keyence Optical Fiber

Finding the correct fs v31p manual is crucial for optimal setup and troublefree operation. Authentic guidance comes directly from Keyence's website matched to your sensor's revision code.

Sep 09, 2025

Fiber Amplifier, Cable Type, Main Unit, PNP

FS-V31P, Fiber Amplifier, Cable Type, Main Unit, PNP in FS-V30 series by KEYENCE America.

Apr 26, 2026

DIGITAL FIBER SENSOR FS-V30/31(P)/31C(P)/31M/32(P)/32C(P)

- To connect the coaxial reflective type fiber unit to the amplifier, connect the single-core fiber to the transmitter side, and connect the multiple-core fiber to the receiver side.

Jan 11, 2026

Technische Daten : Digitale Lichtleitersensoren

Technische Daten der Modelle in Modellreihe FS-V30 von KEYENCE Deutschland.

Contact Us

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