

How to reset a digital fiber optic sensor



Overview

To return settings to factory default, press and hold the SET and PRESET buttons simultaneously for 3 seconds until the setting display flashes "rSt". Are you trying to initialize your KEYENCE FS-N40 Series fiber optic sensor or reset it to the f. more Learn more via the catalog: <https://www.> Providing quick solutions for every scenario. Common configuration methods are summarized in the "Basic" section with easy to understand instructions. 1 Attach the main unit to the optional mounting adapter (OP-88245), and then insert M3 screws into the two locations shown in the figure to secure the main unit in. 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. "Factory Default Setting (Default Value) List" on page 6-6.



Article Content

Jul 30, 2025

How to Adjust

How to Adjust - Set up Keyence Fibre Optic Teach Sensor on JDA Filling & Capping Machines For sales inquiries or questions about our machinery please contact our office.

Mar 29, 2026

Digital Fiberoptic Sensor FS-N40 Series User's Manual 731GB

To Make it Easy to Perform Optical-axis Alignment (Optical-axis Alignment Assist Mode) In this mode, the fiber unit indicator provides assistance during optical-axis alignment.

Aug 04, 2025

FS-N Series Setting Guide 468GB

FS-N Series Setting Guide For precautions and operation details, refer to the instruction manual included with the product.

Oct 08, 2025

Digital Fiber Optic Sensor

KEYENCE America provides FS-N40 series; This series is able to detect virtually anything, in any environment with high power and a variety of head options. An

Jul 22, 2025

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 flexibility and can be used in a

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Digital Fiber Sensor Amplifier FX-500 Series PRO MODE

“ ”: Set when using the interference prevention function by optical communication. Maximum adherence mounting of sensor head is 12 units “ ”: Set when using interference prevention function by changing

Aug 02, 2025

Digital Fiber Sensor Amplifier FX-505 -C2

12 OPTICAL COMMUNICATION When the setting of data bank loading / saving, copy setting, or copy action setting is conducted via optical communications, cascade the sub amplifiers right side to the

Nov 12, 2025

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

Apr 28, 2026

Quick Start Digital Fiber Sensor FS-N10 Series

When connecting with units other than N-bus (a general term for the KEY-ENCE wire-saving connection system) compatible sensor amplifiers, including the FS-N10 Series, and the network unit NU Series,

Apr 04, 2026

Digital Fiber Sensor Amplifier FX-505 -C2

Be sure to fit the attachment to the fibers first before inserting the fibers to the amplifier. For details, refer to the instruction manual enclosed with the fibers.

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FS-N Series Setting Guide 468GB

This function is effective when the intensity value does not change (saturation) from the maximum value of the display-possible range in using the fiber unit at close range. Press the button while

Jul 25, 2025

Digital Fiberoptic Sensor FS-N Series | PDF | Optical

Digital Fiberoptic Sensor FS-N Series - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document provides instructions for setting up

Feb 20, 2026

7 initialization, Initialization -21, Initialization | KEYENCE FS-N10 ...

3 Basic Operation 3-21 - Digital Fiber Sensor FS-N10 Series User's Manual - 3-7 Initialization The sensor amplifier can be reset to the factory default settings. 1 Press and hold the and [PRE-

Mar 30, 2026

Fiber Sensors

Fiber Sensors almost always use LEDs as the light source. The light emitted from LEDs oscillates in the vertical and horizontal directions and is referred to as

Aug 11, 2025

CSM_FiberSensor_TG_E_2_1

Optical fiber is comprised of a central core with a high refractive index surrounded by cladding with a low refractive index. When light enters the core, repetitive total internal reflection at the boundary of the

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coinkit/coinkit/words.py at master · mflaxman/coinkit · GitHub

Cryptocurrency wallet interfaces for Bitcoin, Litecoin, Namecoin, Peercoin, and Primecoin. - mflaxman/coinkit

Nov 21, 2025

Fiber Optic Sensors: Types, Working Principle

Explore fiber optic sensors: their working principles, types (intrinsic, extrinsic, hybrid), and diverse applications in mechanical, chemical, and structural health monitoring.

May 14, 2026

Resetting to Factory Default Settings | FS-N40 Series Fiber Optic Sensor

Are you trying to initialize your KEYENCE FS-N40 Series fiber optic sensor or reset it to the factory default settings? This short video will show you how to do it on this photoeye, so that...

Nov 21, 2025

Fiber Optic Sensor : Types, Working, Interfacing & Its

Fiber Optic Sensor : Working, Interface with Arduino, Types & Its Applications
November 28, 2022 By WatElectronics Fiber optic sensor is a new

Mar 15, 2026

how to set the fiber optic sensor

Digital fiber amplifier sensor, Model FF-403, it tells how to set the amplifier steps by steps, easy to learn and operate.

Sep 06, 2025

Digital Fiberoptic Sensor FS-N40 Series Instruction Manual 96M14746

Initial settings (FS-N41C only) When turning on the sensor for the first time, or when the sensor has been initialized, select the initial settings shown below. PNP Use to select PNP or NPN.

Oct 31, 2025

Keyence Digital Fiber Optic Sensor (FS-N11CN) Setup

Initial Settings Reset To return settings to factory default, press and hold the SET and PRESET buttons simultaneously for 3 seconds until the setting display flashes "rSt".

Oct 07, 2025

INTELLIGENT DIGITAL FIBER OPTICAL SENSOR

Dial the lock lever to the vertical position, at this point the optical fiber has been fastened, remove the optical fiber and dial the lock lever to the horizontal

Jul 16, 2025

Sensor Setting Guide

Sensor Setting Guide available in all major Asian and European languages. An essential support tool for personnel configuring sensors in any country.

Feb 06, 2026

Manual Sensor Keyence | PDF | Optical Fiber | Amplifier

This process resets the sensor to its default configurations, which is necessary when setting parameters have been altered unintentionally or the device fails to operate

Sep 27, 2025

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.

Contact Us

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