

How to adjust the brightness of a fiber optic sensor

First, put the detected object in the farthest place, LED displays the received light intensity 0, press SET key. Then move the detected object to the place close to the transmitter. When LED displays the ...

There are six different ways the sensor determines the threshold. The user first must determine which type of setup mode is appropriate for the application. The ...

Two-point calibration for FS-V31 series sensors involves first pressing the SET button with no workpiece in front of the fiber unit to capture a baseline sensing value.

With optical communication it is possible to copy or cancel settings for the display adjustment or the incident light intensity. If the incident light intensity does not have enough margin, an optimum value ...

Introduction This guideline explains how to setup and mount the Keyence Digital Fiber Optic Sensor (FS-N11CN).

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

Displayed values of threshold and received light amounts can be set to be multiplied by 10 or 50 for easier perception. The correct insertion status can be confirmed at ...

This function works to maintain optimal sensitivity levels over long periods of time by automatically performing sensitivity corrections when light level decreases occur due to contamination of fiber tips ...

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.

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

The sensor automatically sets the threshold just above the background There is also a hysteresis setting you can adjust just like all the others. The only catch is the amount of hysteresis you can use ...

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 main amplifier as follows.

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If debris build-up causes the light intensity to drop, the sensor automatically detects the drop in intensity, and recalibrates to the original display state.

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