Brightness Adjustment of Fiber Optic Sensor

A variation of two-point TEACH, it programs the sensor during actual machine run conditions, taking multiple samples of the light and dark conditions and automatically setting the threshold at the ...

Because the detecting distances range from a couple inches to several meters, adjustment during installation is incredibly easy. Detection is possible even for small targets. Retro-reflective models ...

This function sets the reference condition to ".0" and correct conditions with the slightly higher light intensity to "100.0". This is effective when you wish to perform detection using the background as a ...

When light from the emitter strikes the sensing object, the object reflects the light and it enters the receiver where the intensity of light is increased. This increase in light intensity is used to detect the ...

This document provides instructions for setting up and operating a digital RGB fiber optic sensor. It explains how to calibrate the sensor using one or two color reference points, and how to adjust the ...

The threshold value (1_SL) that is 10% lower from the incident light intensity and the threshold value (2_SL) that is 10% higher from the incident light intensity are set.

2 Wh optical fiber to the launch end, and multi core optical fiber to the receiving end.

This mode can change the threshold value depending on the cycle (1 to 9,999 sec.) that is set with the varia-tions of the incident light intensity. The tracking shift amount is the one which is set at the shift ...

Understand the mechanisms and unique operational benefits of fiber optic sensing, enabling accurate measurement where electricity fails.

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

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.

This feature simplifies the sensiivity adjustment and fiber optic alignment, and provides a constant reference over time for overall sensing system performance.

Brightness Adjustment of Fiber Optic Sensor

This mode helps to assist in alignment of the transmitter-receiver pair of a thrubeam fiber unit. The receiver will illuminate green when the pair is aligned on the optical axis.

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