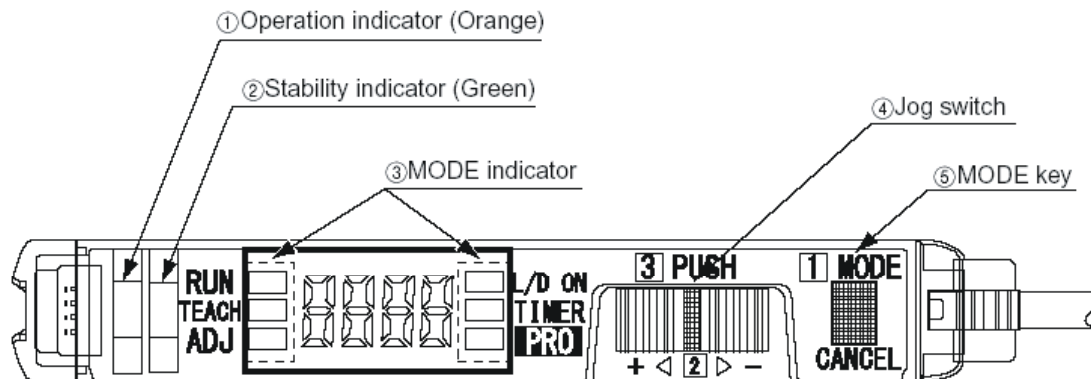


ALLEN DATAGRAPH

Technical Support Bulletin: Smart Mark Sensor High/Low Intensity

Last Updated November 3, 2004

Abstract: This document is the script of the video that demonstrates changing the SmartMark sensor intensity from low to high.



This video shows how to change the SmartMark sensor between low intensity and high intensity setting. You might want to change the SmartMark sensor intensity if the reflected intensity is either too high (greater than 3600 on target) or too low (less than 400 on background), the training indicates hard, or you are getting inconsistent cutting results.

You would need to use the high intensity setting if there is a small contrast between background and target, or there is a low intensity values (less than 400 on background) displayed on the top of the sensor. While in run mode this is the reflected intensity the sensor is currently seeing.

The sensor is currently displaying 3660, which is near the top of its range 0-4000. You would need to use the low intensity setting if the displayed intensity on the target is greater than 3600. This normally occurs on highly reflective materials or laminates.

To change the intensity:

Push Mode button 5 times until Pro is displayed

Rotate Jog button right to select Pro5

Press Jog down for code

Press Jog down displays either 0400 for high intensity or 9400 for low intensity.

Press Jog and the first digit flashes

Rotate Jog left to change 9 to 0 or right to change 0 to 9

Press Jog 4 times to exit the change code menu. SmartMark flashes good then code

Press Mode 3 times to go back to run mode