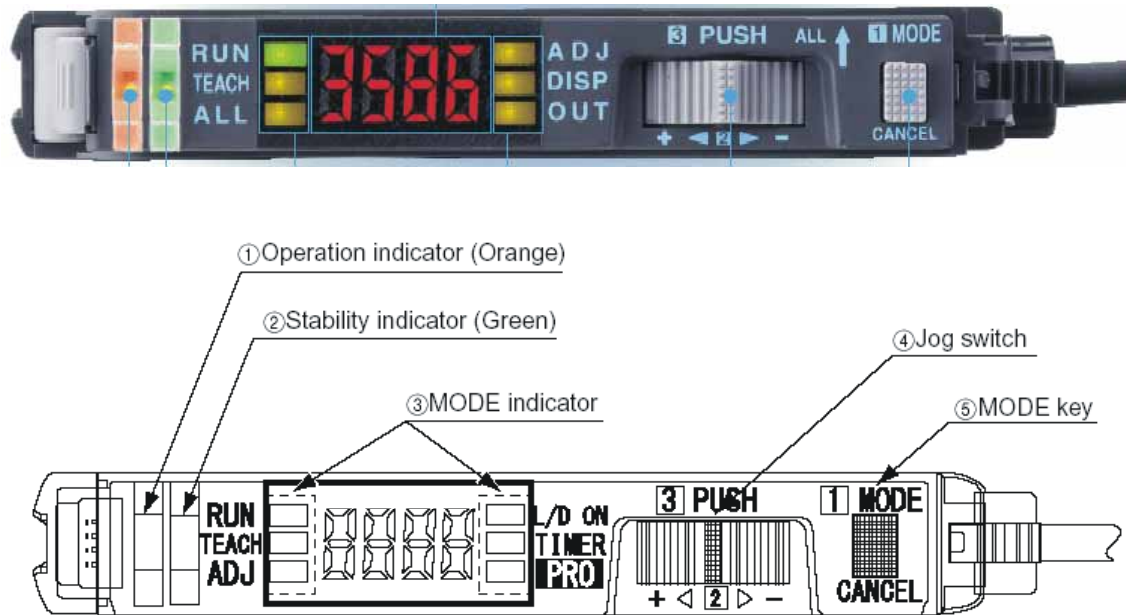


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Technical Support Bulletin: Smart Mark Sensor Training

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Abstract: This is the script of the video that demonstrates training the SmartMark sensor so it can detect the mark on different material types and ink colors.



Normally you need to train the sensor every time you change either the media type, laminate type, or color of the target.

Training takes the reflected intensity reading of the background and the reflected intensity reading of the target and determines a threshold value by averaging the two values. The reflected intensity reading is displayed in the four-digit display on top of the sensor in Run mode.

To train the sensor you open the dust cover of the sensor. Press the mode key once until the light is next to TEACH. Position the media with the joystick buttons until the red dot is on the background. In this case white. Then press the jog button down.

The sensor records the white value and flashes to indicate this. Move the red dot with the joystick buttons on the front panel so that it points to the target. Wait for the knife blade to pop up. Press the jog button again. The sensor should flash, display good, then the threshold value. Intensity responses less than the threshold are considered target. Intensity responses greater than the threshold are considered background.

Press the mode button 5 times to get back to the run mode.