

LASER SENSOR - SETTING INSTRUCTIONS

Sensor Type – S40-PH-5-M03-PH

Important note: - The sensor is operating in the normally closed mode; this means that with no paper under the sensor both the power, green LED, and the output signal, orange LED, are both 'ON'. When paper is detected the orange LED goes 'OFF'.

1. Remove the sensor from its mounting bracket and hold it steady at 60mm above the paper to be detected. Now press and hold the small calibrate button in the end of the sensor, above the green and orange LEDs, until the orange LED starts to flash. Release the button, the orange LED will continue to flash.
2. Now lower the sensor to a height of approx 30mm and hold it steady, now press and hold the calibrate button again until the orange LED stops flashing. The orange LED will now be 'off' as it will be detecting the paper below.
3. Remove the paper and replace the sensor in its mounting bracket above the slot in the table. The sensor orange LED should now be 'ON', pass the paper under the sensor and the orange LED should go 'OFF' when detected by the laser red light.
4. Check the non-detection range directly under the sensor by lifting the paper to approx 8mm of the sensor, the orange LED will come 'ON' when the detection is lost. Check that this will not cause any problems with badly waved stock.