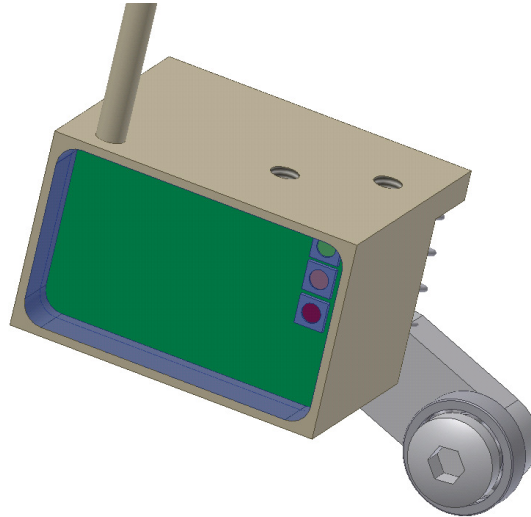


Thickness Sensor Th 08 digital output Version TH



Specifications

- Thickness detection up to 8 mm.
- Very robust aluminum housing.
- Robust, play free ball bearing of the caliper arm.
- Fully capsulated sensor elements.
- Touch less and wear free sensor technology.
- Big changeable caliper roller.
- Changeable spring to optimize the caliper roller pressure.
- Microprocessor controlled double detection.
- Special software for double detection on fast moving inserts.

- Digital output for double (0 - 24 V active high).
- Digital output for miss (0 - 24 V active high).
- Digital input for external teach in signal (0 - 24 V).
(usable for an external push button).
- Digital input for zero teach in trigger signal (0 - 24 V). **Optional**
- Designed for 24 V power supply. (7-24V)
- Additional control LED for power on, double and miss
build in sensor-housing.

Operation Manual

Teach in process

- be sure, that there is no sheet in. Trip the external button for 2 seconds
- the green LED is blinking
- put one sheet in. Trip the external button for a short time
- the orange Led is now on

Operation

- the green LED is on, if zero sheet is detected
- the orange LED is on, if one sheet is detected
- the red LED is on, if double sheet is detected
- Trip the external button to reset the double sheet detection

Cable Plan Thickness Sensor TH 08

- Brown: Power Supply 7-24V
- Blue: Ground
- White: analog Signal 0,25-4,75 V
- Yellow: double detect high: none double/ low: double detect
- Green: single detect high: none sheet / low: one sheet
- Red: Ground
- Pink: Digital input for zero teach (optional)
- Grey: switch

