

# LiteSentry™ Thickness Sensor



***The LiteSentry™ Thickness Sensor measures moving or stationary glass on-line to +/-0.08 mm (0.003 inch). This non-contact glass thickness sensor provides 100% inspection, replacing periodic human inspection. Monitors glass thickness. Confirms critical dimensions. Eliminates costly errors.***

## **Features:**

- ◆ **Device:** Structured light laser diode with linear CCD receptor, integral electronics and embedded algorithms, for on-line measurement.
- ◆ **Applications:** Tempering, IG, coatings, cutting, float.
- ◆ **Measurement:** On-Line, at glass velocities up to 700 mm/s.
- ◆ **Substrate measured:** Clear and low E coated glass. Thickness measurement range: 0 - 19.0 mm. Tinted or absorbing glass >45% transmitting.
- ◆ **Accuracy:** +/-0.08 mm (0.003 inch).
- ◆ **Digital Outputs:** RS232 or RS485 serial connection with thickness and coating value.
- ◆ **Analog Outputs:** Internal LED readout in mm or inches. Thickness 0 -10 VDC, 15 mA, 350 pF max. Coating 0 -5 VDC discrete 15mA, 350 pF max.
- ◆ **Electrical power requirements:** 24 VDC. (24 VDC power supply provided for 110 or 208-220 VAC input).
- ◆ **Mount:** Rugged sealed housing mounts above or in front of glass. No additional components to mount below glass.

## **LiteSentry Corporation**

*Visual Inspection Systems for Glass*

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