

# LRD2100 Label Edge Detection System

The LRD2100 is the clear choice for your pressure sensitive label applications. This patented, non-contact label edge detection technology works with all automatic labeling operations, or for high speed rewinding and counting.

## CLEAR AND LOW CONTRAST LABELS

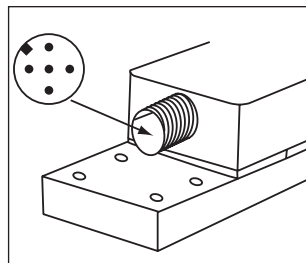
Without relying on optical or mechanical technologies, the LRD2100 is equally effective with clear or standard labels. There is no longer any need to add black "eye" marks to the label liner, nor include special additives in inks. No adjustments are needed when colors change or when roll stock changes.

The sensor is compact and easy to install on any labeler or slitter/rewinder. During critical labeling operations the sensor can detect label edges at over 1000 per minute with a registration error of less than 0.01 inches. During counting operations, the sensor can detect over 50,000 labels per minute.

The LRD family of sensors carries a two-year limited warranty.

## SPECIFICATIONS

|                                    |                                 |
|------------------------------------|---------------------------------|
| Registration Error: .....          | Less than 0.01" (0.25mm)        |
| Response Time: .....               | 10 microseconds                 |
| Operating Temperature Range: ..... | 40°F to 120°F (4°C to 50°C)     |
| Thermal Drift: .....               | .1/64" (0.40mm) per 30°F (17°C) |
| Signal Output: .....               | NPN and PNP open collector      |
| Oscillator Frequency: .....        | 2.5MHz                          |
| Power Requirements: .....          | +11 – 30VDC                     |



Also available with  
5 Pin Euro Connector.  
(LRD2100C)

**LION**  
**PRECISION**  
*The Clear Choice*

