

Prevent Costly Repairs

Reduce downtime while preventing costly repairs to rolls, dies, and sensitive production equipment used in web manufacturing processes with our state of the art resistive based Splice Detector. It will reveal abrupt changes in web material thickness due to splices in standards and metallized conversion processes.

Ensure Product Quality

Our Splice Detection technology has been successfully applied to ensure delivered product quality on many different grades of material such as papers, films, foils, and plastics. Our Splice Detectors are implemented on many types of equipment such as:

- Sheeters
- Coaters
- Extrusion
- Laminators
- Roto Presses
- Slitters
- Winders/Rewinders

Web Monitoring

Our 1032C self calibrating Splice Detector monitors the web material continuously with no adjustments or re-calibration requirements. The 1032C is unaffected by material basis weight changes and color and will automatically adjust itself to new conditions. Special splice tapes or color marking are not required and the operation is unaffected by printed material.

MODEL 1032C™

TECHNICAL SPECIFICATIONS

Defects Types Detected:	Splices Large Lumps Large Hard Wrinkles
Material Compatibility:	Papers Plastics Films Metallic Materials
Web Thickness:	500 micron thick maximum
Maximum Web Speed:	1,500 fpm (457 m/min)
Relay Alarm Outputs:	
Dry Output Contact Closures:	2 (Non-inductive)
Current Capacity at 110 VAC:	0.1 Amp
Current Capacity at 220 VAC:	0.05 Amp
Alarm On Period:	1 Second
Electronic Alarm Output:	
Pulse Outputs:	1
Voltage:	15 V (± 3 V)
Direction:	Positive Going
Duration:	10 ms
Ambient Temperature:	40 to 160° F (4 to 70° C)
Dimensions:	6.0" X 11.63" X 4.5" (15.24 cm X 29.53 cm x 15.24 cm)
Power:	110/220/240 VAC 50/60 Hz Single Phase
Weight:	11.5 lbs/ 5.22 kilogram

Specifications are subject to change without notice.

Note: If you web speed is less than 100 fpm, specialized circuitry may have to be applied. If you purchase this unit and it is found that specialized circuitry is required due to misinformation, all monies applicable will be charged, then applied as a credit for replacement of this standard unit with a specialized unit. Additional fees may be applied.

Reduce Setup Time

Designed for center of web mounting, the 1032C eliminates the need for repositioning to accommodate changes in web width. It can be installed at any convenient position in the web's path to provide defect detection at the earliest possible stage of the process.

Achieve Unattended Operation

Both a signal contact closure and a signal digital pulse output are included with each unit to facilitate interfacing to control production equipment such as sheeter gates, coating head applicators, presses, laminators, treaters, audio/visual alarms as well as automatic marking systems. Our technology can also be combined with our Reject Control Computer or Multi-Color Automatic Marking System for completely unattended operation of your production equipment.

Call SDT

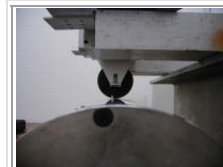
Call us to discuss your splice detection applications and to learn more about the industries most diverse line of machine vision web inspection related products.



Food Packaging Install



Film Install



Specialized Shock Absorber System



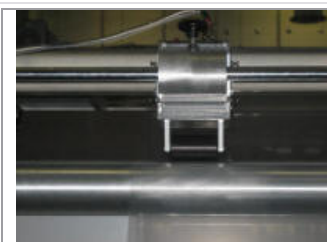
Proprietary Sensing System



State-of-the-art Electronics



USA Install



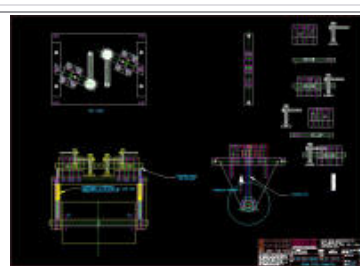
Europe Install

Expect Reliability

RKB Splice Detectors have been designed for stable and reliable operation under real world conditions found in various low, high and ultra high-speed papermaking, printing, and converting processes. Their performance has been proven over time in over 2000 installations in over 80 countries worldwide.



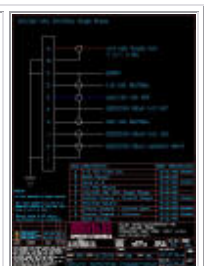
Typical Installation



Sensing Component Mounting



Dimensional Outlay



Power Spec

Splice Detection Technologies

An operating unit of R.K.B. OPTO-ELECTRONICS, INC.

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