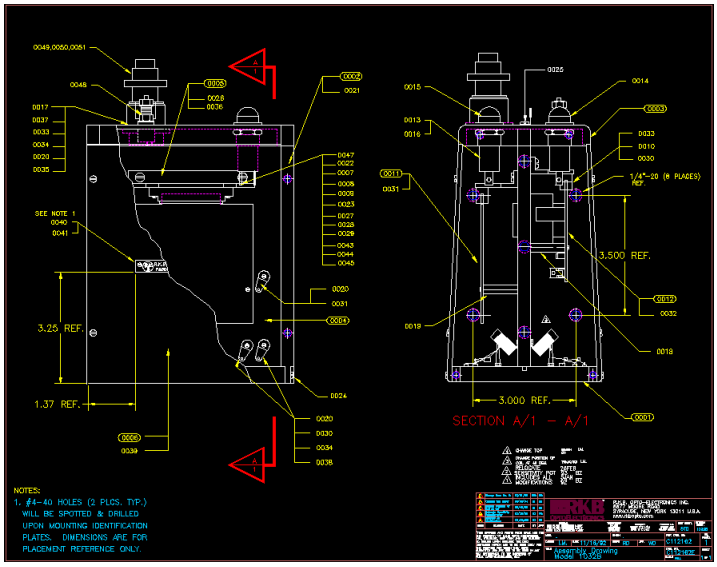
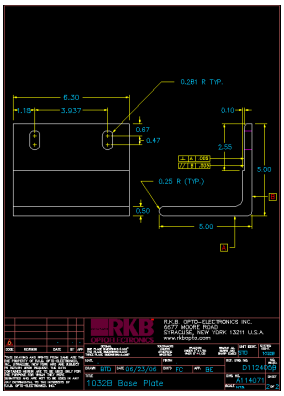
Missing Ply Technology - MPT Series

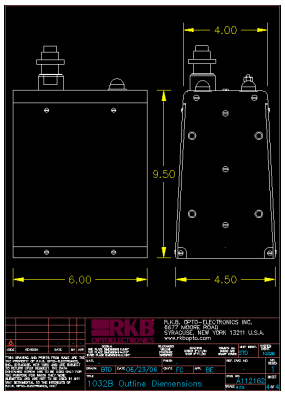
SPLICE DETECTOR

Unaffected by Conditions

Unaffected by web width, grade chances, number of webs or plies, material color, machine speed, and printed surfaces, our missing ply detection technology is truly plug and play. Maintenance free; you will save time and money since our missing ply detection technology is self-calibrating to any process for which the sensor is applied too. Available as an all in one unit or custom oriented to the application, the standard for missing ply detection is clear; the standard is the SDT MPT1478. 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.







Benefits Gained

- *Eliminates damage to embossin and perforating rolls*
- *Eliminates roll wrap ups*
- *Monitors the entire multi-web (ply) makeup at one convenient point as they leave the embossing station*
- *One sensor, one job, multi webs – no need for complicated sensor arrangements, installations and integration.*

Innovative Solution for Pioneering Industries

This innovative sensing solution is applicable to industries that convert plies of nonconductive materials such as multi-ply films, multi-ply tissue, multi-ply fibrous materials, multi-ply laminates, PTFE-based ply material, multi-ply flexible material, multi-ply pressure-sensitive material, multi-ply paper sack, and multi-ply medical materials as well as many other consumer and industrial products. The SDT MPT1478 missing ply detection system uses state-of-the-art capacitive, non-contact sensing technologies. Immune to grade changes, material color, type of material and machine speed, the SDT MPT1478 missing ply detection system will never miss an absent ply, splice, or web break.

Splice Detection Technologies
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