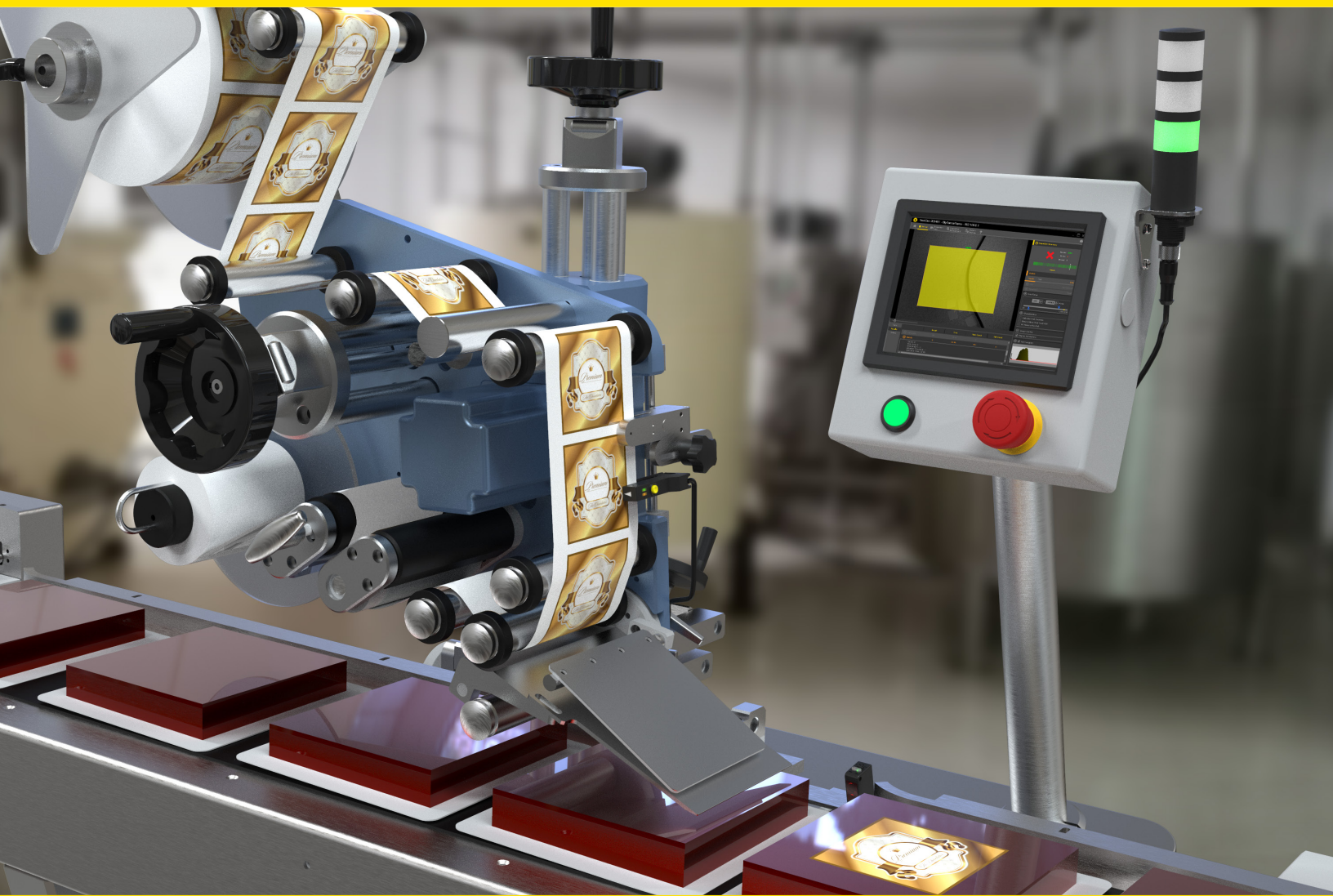# Solutions for Labeling Machines

Banner Engineering offers a wide variety of industrial automation components that are ideal for use on labelling equipment including safety, indication and sensors. The SLE5 High Speed Optical Label Sensor was designed to reliably detect either labels or their backing. The simple, one-button TEACH mode provides fast sensor commissioning, and the dovetail design facilitates tool-less installation directly on the dispensing ledge.

SLE5 Label Sensor

The SLE5 is a rugged, industrial label detection sensor. It can detect single-layer and multilayer booklet labels, such as coupons or instructions commonly used in food, beverage and pharmaceutical applications. Single-button TEACH easily establishes the threshold between the backing paper and label, ensuring that product waste is minimized during set-up.

- Single-layer and multilayer label detection with 5 mm slot width and 50 mm slot depth
- Sensor can be configured to detect the label or the backing paper
- Infrared LED can detect an opaque label on opaque or translucent backing paper
- 0.5 mm minimum label size or gap width for a wide variety of products
- LED Indicators display output or TEACH status for visual monitoring and troubleshooting
- Push button or remote TEACH for easy configuration
- 40 μs response speed (12.5 kHz switching frequency) for increased position accuracy
- Rugged IP65 housing for use in harsh environments

LED Tower Light Indicator

Compact 30 mm tower light indicators provide easy-to-see operator guidance and status indication on small machines and in areas where staff work in close proximity to equipment. Preassembled and preconfigured multisegment LED tower light indicators replace conventional stack lights, which often require time-consuming assembly and complex wiring.

Electro-Mechanical E-Stop Push Buttons

Electro-Mechanical E-Stop Push Buttons are ideal for small machines with easy to install 30 mm panel mounting. "Safe Break Action" ensures N.C. contacts will open if the contact block is separated from the actuator. They are available in push-to-stop, twist-to-release (standard and lockable) or pull-to-release (standard) operation.

Photoelectric Sensor

In an application with limited space, the Q20 sensor is easily positioned to verify the presence of boxes before labels are applied. The Q20 is a versatile sensor with universal rectangular housing and multiple mounting options, making it ideal for global manufacturing. It is available in opposed, polarized and non-polarized retroreflective, fixed-field, adjustable-field, and diffuse models.

Panel Mount Indicator

S22 Pro Series Indicators provide clear, easy-to-see status indication and operator interface. Bright, highly visible display guides operators through machine processes, simplifies training, and improves quality control. The S22 Pro Series can now be programmed with a wide range of pre-defined color and animation options using Banner's easy-to-use Pro Editor software.

BANNER®
more sensors, more solutions