



LABEL•EYE AUTOSET™ Set-Up Instructions

Normal Label Opacity Autose™ Button

This category includes most paper or metallized film labels adhering to paper or transparent backing materials.

To implement the one button Autose™ routine, utilize the external alignment guides to position the gap between labels in line with the dot shown in the center of the detection zone. Then push the Autose™ button marked "Normal".

An alternative set up procedure would be to remove a label and then push the "Normal" Autose™ button.

HINT: If the location of the sensor is several labels up-stream from the peeler plate, removing just one label will result in applying two labels onto one product and one product receiving no label whatsoever. This is why we recommend setting up the sensor with the actual "gap" between the labels properly positioned.

On rare occasions, when the light is unable to penetrate the backing materials, both the red and green led indicators will blink four times. When this indication occurs, the sensor will be unable to detect the presence of the labels.

Translucent Label Opacity Autose™ Button

This category includes translucent labels adhering to transparent backing materials.

This sensor cannot detect transparent labels adhering to transparent backing materials. The question is how close to transparent can the translucent labels be and still be detected? There is no definitive answer to that question. To determine if detection of a translucent label adhering to transparent backing material is to try the following Autose™ procedure. First utilize the external alignment guides to position the gap between labels in line with the dot shown in the center of the detection zone. Then push the Autose™ button marked "Translucent". The next step is to move the web so that the translucent label goes in and out of the light beam. If detection is possible, the red led output indicator should go on when the label passes through the detection zone.

INVERT OUTPUT: The status of the red led and output transistors can be inverted by pressing both buttons simultaneously. When the output status has been inverted, the red led and the output transistors will turn off when the label comes into view.



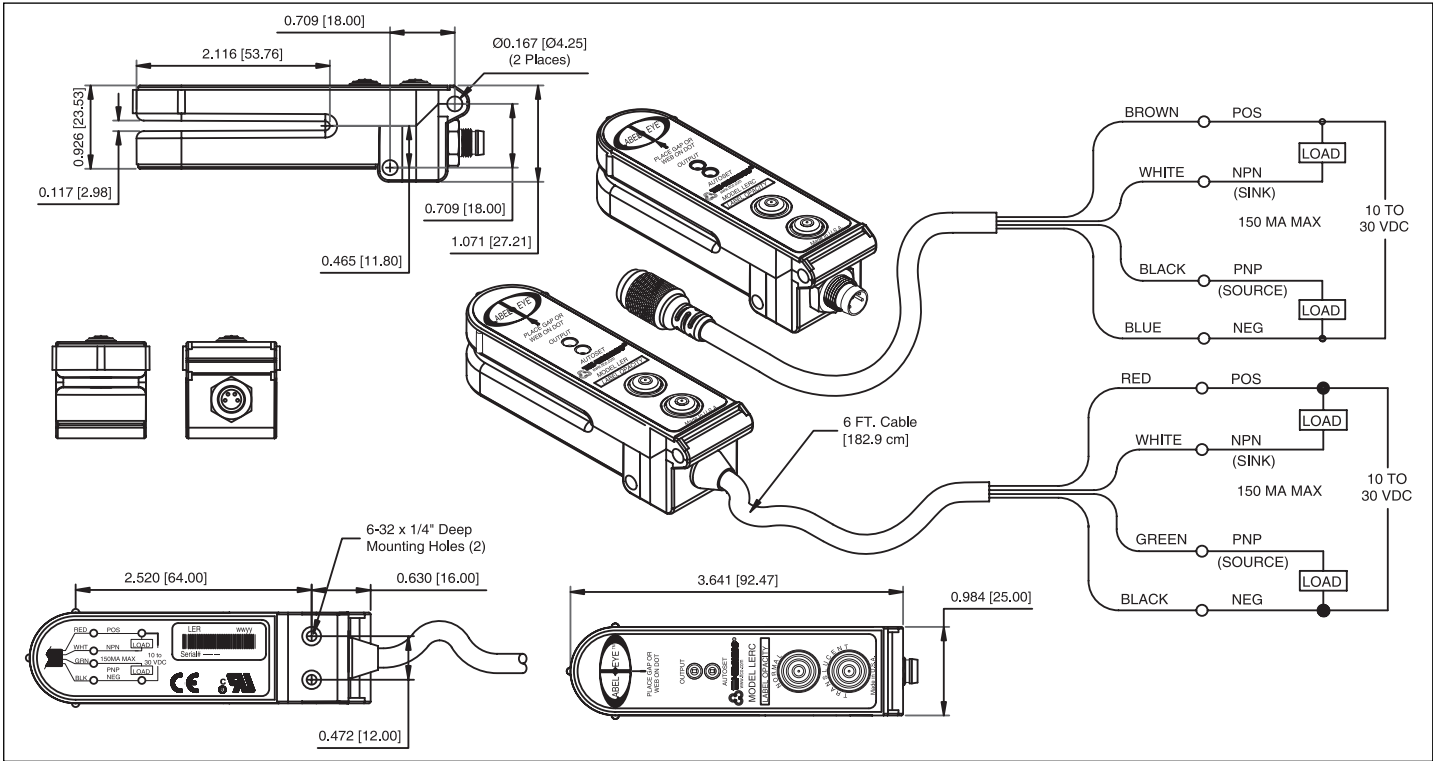
SPECIFICATIONS



<p>SUPPLY VOLTAGE</p> <ul style="list-style-type: none"> • 10 to 30 VDC • Polarity Protected <p>CURRENT REQUIREMENTS</p> <ul style="list-style-type: none"> • 45 milliamps (exclusive of load) <p>OUTPUT TRANSISTORS</p> <ul style="list-style-type: none"> • (1) NPN and (1) PNP output transistors • Sensor outputs can sink or source up to 150 milliamps (current limit) • All outputs are continuously short circuit protected <p>RESPONSE TIME</p> <ul style="list-style-type: none"> • Light state response = 100 microseconds • Dark state response = 100 microseconds <p>LED LIGHT SOURCE</p> <ul style="list-style-type: none"> • High intensity red LED • Pulse modulated <p>PUSH BUTTON CONTROL</p> <ul style="list-style-type: none"> • Automatic set-up routines based on web opacity • One push button set-up • Simultaneously pushing both buttons inverts the output 	<p>HYSTERESIS</p> <ul style="list-style-type: none"> • Minimal hysteresis promotes the detection between the backing material and the label depending on the settings <p>LIGHT IMMUNITY</p> <ul style="list-style-type: none"> • Responds to sensor's pulsed modulated light source ... immune to most ambient light <p>INDICATORS</p> <ul style="list-style-type: none"> • Green LED flashes when Autoset™ routine is activated and stays illuminated when Autoset™ is completed • Red LED illuminates when sensors output transistors are "ON". <p>Note: The status of the output transistors can be inverted by pushing both buttons simultaneously</p> <p>AMBIENT TEMPERATURE</p> <ul style="list-style-type: none"> • -40°C to 70°C (-40°F to 158°F) <p>RUGGED CONSTRUCTION</p> <ul style="list-style-type: none"> • Chemical resistance to harsh cleaners such as detergents, alcohols, and ketones • Waterproof, ratings: NEMA 2 • Conforms to heavy industry grade CE and UL requirements <p>UL cRU CE Product subject to change without notice.</p>
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Model Numbers:		Nano Cable (M8) Selection Guide		
Label•Eye	Description	P/N	Length	Thread Coupling
LER	Red LED, 4 conductor 6 ft. cable	GEC-6	6 ft. (1.8m)	Straight Female
LERC	Red LED, 4-pin Nano connector	GEC-15	15 ft. (4.6m)	Straight Female
		RGEC-6	6 ft. (1.8m)	90° Female
		RGEC-15	15 ft. (4.6m)	90° Female

DIMENSIONS



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