TRI-TRONICS®
Smart Sensing Solutions Since 1954

NEW!

ULTRASONIC CLEAR LABEL SENSOR

Clearly...
It’s the only way
to be completely confident!

Features & Benefits
- Visual Confirmation
- Confident Setup
- Worry Free Performance
- One button AUTOSET (Gap Set)
- Tweak-able (Momentary Up/Down Adjustable)
- Available Timers and Delays
- Cable and Connector Version (M12 and M8)
- High Speed (200μs)
- Durable and Robust Housing
- Compatible with Existing Mounting Configurations

We Make Sensing Easy!

SAMPLE SCREEN SHOTS

www.ttco.com/clearlabelsensor.aspx

FOLLOW US:

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Specifications

SUPPLY VOLTAGE
• 12 to 30 VDC
• Polarity Protected
  Note: For use in Class 2 Circuits
CURRENT REQUIREMENTS
• 95mA @ 12 VCD, 45mA @ 30 VCD
DIGITAL OUTPUTS
• (1) NPN and (1) PNP open collector output 150mA Max; <2V Residual Voltage
  (Note: Dependent on Model; see “How to Specify, #3”).
• All outputs are continuously short circuit protected
REMOTE AUTOSET INPUT
• Momentary sinking or sourcing input; 1.2mA max; Software Selectable
DIAGNOSTIC INDICATORS
• OLED Graphic Display - Includes Contrast Indicator, Numerical Display, Set Point and Trigger Point, and all sensor options and modes.
• Red LED Output Indicator– Illuminates when the sensor’s output transistors are “ON”.
  Note: If Output LED flashes, a short circuit condition exists.

PUSHBUTTON CONTROL
• Three (3) push button controls
• Gap (for Gap AUTOSET)
• Label (for difficult or inconsistent webs)
• Menu (for accessing Options and Program Modes)
HYSTERESIS
• Dynamic – adjusted by AUTOSET
RESPONSE TIME
• 200µs
REPEATABILITY
• 125µs
AMBIENT TEMPERATURE
• 4°C to 50°C (39°F to 122°F)
RUGGED CONSTRUCTION
• Chemical resistant, high impact Aluminum housing
• Waterproof ratings: NEMA 4X, 6P and IP65
• Conforms to heavy industry grade CE requirements
THRESHOLD SET
• 1-Point, 2-Point, or Dynamic AUTOSET; manually or remotely.
THRESHOLD ADJUST
• Manual or AUTO Adjust

OUTPUT TIMERS
• ON Delay, OFF Delay, One Shot, or Debounce. Software Selectable
CONNECTOR
• M12 5-Pin, M8 4-Pin, or 6ft. Shielded Cable

Connections and Dimensions

Ultrasonic Clear Label Sensor

RoHS Compliant
Product subject to change without notice

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