



CLS-2 Clear Label Sensor Now Even Smaller!

Features and Options:

- One button AUTOSET (Gap Set)
- Adjustable Threshold
- Cable and Connector (M12 & M8) Versions
- Removable Stainless Steel Gap Plate
- Durable and Robust Anodized Aluminum Housing
- Bottom or side mounting configurations



For Complete Listing Visit:
www.ttco.com

Specifications

SUPPLY VOLTAGE

- 12 to 30Vdc
- Polarity Protected
- Note: For use in Class 2 Circuits*

CURRENT REQUIREMENTS

- 70mA @ 12Vdc, 35mA @ 30Vdc

DIGITAL OUTPUTS

- (1) NPN and/or (1) PNP (depending on model) open collector output 150mA Max; <2V Residual Voltage
- All outputs are continuously short circuit protected

REMOTE AUTOSET INPUT

- Active high (PNP) or active low (NPN), depending on model (1mA)
- Note: Input not available on "L" models*

DIAGNOSTIC INDICATORS

- Green LED AUTOSET Indicator- Illuminates when sensor is powered "ON"; flashes upon AUTOSET adjustment
- Red LED Output Indicator- Illuminates when the sensor's output transistors are "ON".
- Note: If output LED flashes on power up, a short circuit condition exists.*

PUSH BUTTON CONTROL

- Two (2) push button controls
- AUTOSET (for Gap AUTOSET)
- LT/DK (toggles between light on or dark on)
- Manual threshold adjustment

HYSTERESIS

- Dynamic – adjusted by AUTOSET

RESPONSE TIME

- 225µs

REPEATABILITY

- 75µs

AMBIENT TEMPERATURE

- 4°C to 50°C (39°F to 122°F)

RUGGED CONSTRUCTION

- Chemical resistant, high impact Aluminum housing
- Conforms to heavy industry grade CE requirements
- Waterproof ratings: IP65*
- *Presence of water on transducers will prevent sensor from functioning. Full functionality will be restored once transducers are dry.*



CONNECTIONS

- 4-Wire 6.5ft cable (2.0m)
- 4-Pin M12
- 4-Pin M8 connector

RoHS Compliant
Product subject to change without notice

Connections and Dimensions

CLS-2 Smaller Clear Label Sensor

