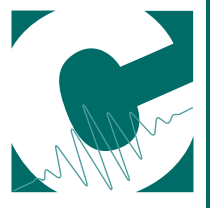


SL-630 SERIES



Point Level Sensors

Non-Invasive™ “Peel & Stick” Disposable/Non Disposable/Flange Mount Liquid Level Single/Multi Points Switch

Patent No. 5663503

The Non-Invasive Sonic Eye™ is a cost effective ultrasonic sensor for plastic containers. The sensor is designed to adhere to the outside of a plastic container of various sizes from 2" (50.8mm) to 10" (254mm) with a wall thickness up to 0.25" (6.35mm) as a high/low level liquid level monitor. It never comes in contact with the liquid, so there is no chance of contamination. The sensor simply sticks on to the outside of the container.



Flange Mount

APPLICATIONS:

Chemical Analyzer	Immuno Chemistry
Chromatography	Kidney Dialysis
Clinical Chemistry	Medical Laser System
Hemodialysis	Semiconductor
Waste Management	

TYPICAL LIQUIDS:

Reagents	Coolant
Diluent	Saline Solution
Waste	Pure Water
Washing Detergent	DI Water

FEATURES:

- Non-Invasive miniature sensor outside the container
- Integral Electronics with disposable mounting
- Multiple choice of input/output
- Dry Coupling
- Range of plastic bottles from 2" (50.8mm) to 10" (254mm) diameter.
- Wall thickness up to 0.25" (6.35mm)
- Independent of color, transparency, shape & size of bottom of container
- No displacement of liquid volume
- Eliminates fluid contamination problem
- No calibration required
- Repeatability: ±0.1" (2.54mm)
- Fail Safe Output

OPTIONAL FEATURES:

- 3.3 volt input power
- Relay output
- 1" diameter containers
- Glass/Metal containers

HOW TO ORDER

	PEEL & STICK DISPOSABLE MOUNTING TAPE	NON-DISPOSABLE DRY COUPLING	FLANGE MOUNTED with DRY COUPLING
Sink Output	13801	13821	13841
Source Output	13802	13822	13842
TTL Output	13803	13823	13843
Loop Power Output	13804	13824	13844
Disposable Mounting Tape (units supplied with 5 pieces)	13800 (20 pieces per package)	requires clamping mechanism (strap)	minimum force required, 0.5 lb. (227grams)

**■ Consult Factory
For Price &
Delivery**

155 Ricefield Lane, Hauppauge, New York 11788-2007 ■ 631-231-0735 Fax: 631-231-0838

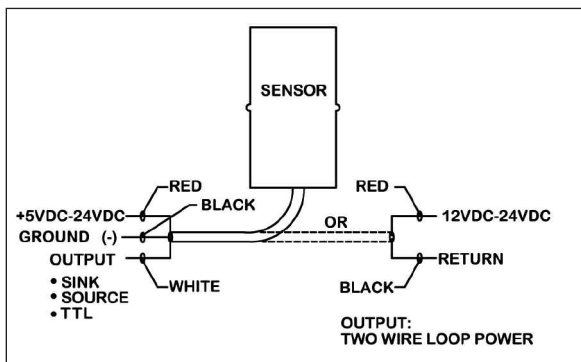
website: www.cosense.com ■ e-mail: sales@cosense.com

SL-630 SERIES

SPECIFICATIONS:

- Repeatability:** $\pm 0.1"$ (2.54mm)
Response Time: 200 millisecond (for special, consult factory)
Input Power: 5VDC to 24 VDC
Leakage Current: Less than 50uA
Outputs: Source – 40mA max-dry condition
 Sink – 50mA max-dry condition
 TTL (high)-dry condition
 Loop Power
 16 ± 1 mA – Wet
 8 ± 1 mA – Dry
Protection: Transient, reverse polarity
Plastic Bottle Size: 2" (50.8mm) to 10" (254mm)
Wall Thickness: Up to 0.25" (6.35mm)
Sensor: ULTEM® (plastic)
Temperature: -20°F to +158°F (-29°C to 70°C)
Mounting: Reusable sensor/disposable mounting tape
Cable Length: 12" (305mm) for longer lengths, consult factory

WIRING DIAGRAM:

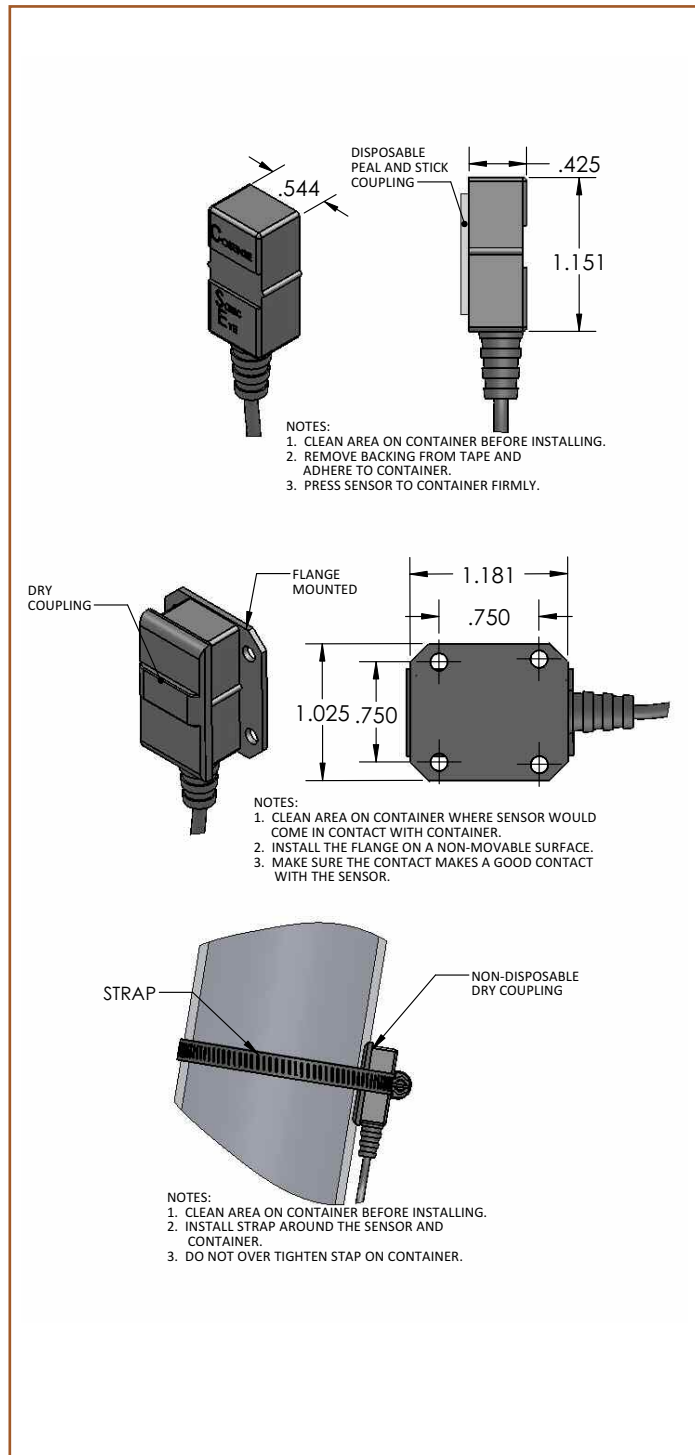


Visit Our Website:

www.cosense.com



DIMENSIONAL DRAWINGS



PERFORMANCE GUARANTEE

If within 30 days of delivery the unit does not perform according to our claims and was properly installed in an application that does not exceed our stated performance specifications, the unit may be returned for full credit.

WARRANTY: Cosense equipment is warranted against intrinsic defects for a period of eighteen months from the date of shipment. Specifications to change without notice.

155 Ricefield Lane, Hauppauge, New York 11788-2007 ■ 631-231-0735 Fax: 631-231-0838

website: www.cosense.com ■ e-mail: sales@cosense.com

SL-630 12/10