

SE-601 SERIES

Sonic Eye™ Non-Invasive Liquid Level Switch Single/Multi Points



Point Level Sensors

The non-invasive **SONIC EYE™** monitors liquid levels at **one or more** points through pipes or tubing of various sizes from **1/4" (6.3mm) tubing to 12" (305mm) diameter**, with a wall thickness up to **1/2" (12.7mm)** thick. The exclusive patented sensor design simply clamps on the thick wall pipe or tube, no alignment is necessary. The small size of the sensor provides simplicity for mounting at almost any location, without interrupting the process or modifying the pipe or vessel. It is ideal for **high pressure thickwall** tubing pipes or **sight glasses**.



HOW TO ORDER SE-601

HOW TO ORDER SE60X

- 1- Single:
- 2- Dual:
- 3- Three:
- 4- Four:

Power Input

- 1 - 115VAC 50/60 Hz
- 2 - 230VAC 50/60 Hz
- 3 - 24V DC
- 4 - 12VDC
- 0 - Special

Output

- 1 - 5A DPDT - single
- 2 - 5A SPDT - dual
- 3 - 1/2A SPDT - three
- 4 - 1/2A SPDT - four
- 5 - Two wire, 4mA - dry, 20mA - wet*

Enclosure

- 1 - NEMA-4
- 2 - NEMA-4X Fiberglass
- 3 - NEMA-7 Explosion - Proof

* only plastic tubing / pipe

Pipe Material

- S: - Stainless Steel
- A: - Carbon Steel
- P: - Any plastic, CPVC, Kynar
- G: - Glass

Pipe Outside Diameter

0.5 = 1/2"

01 = 1" etc.

Pipe Thickness

0.25 = 1/4" etc.

Cable Length

10 = 10 ft. (Standard)

90 = 90 ft.

xx = xx ft. (specify)

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

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

SE-601 SERIES

FEATURES:

- **CLAMP-ON SENSOR** design works up to 1/2" (12.7mm) THICK-WALL metal or glass pipe, vessel or tubing.
- Pipe or vessel size from 1/4" (6.3mm) tubing to 12" (305mm) diameter
- Immune to coatings, sticky or corrosive liquids/pressure
- Single/dual/three/four alarm points
- Two wire loop power for plastic tubing / pipe (4.0±1.0mA - dry 20.0±1.0mA - wet) optional

SPECIFICATIONS:

Repeatability: +/-2mm typical

Delay: 0.5 seconds - others available

Input Power: 115V or 230V 50/60 Hz AC (up to four points) 24V, DC

Outputs: 5 Amp DPDT relay type single alarm/multiple alarm, 4mA/20mA two wire loop power

Sensor Material: Epoxy

Temperature Range: Sensor -40°F to +180°F (-40°C to 82°C), Electronics -20°F to +170°F (-29°C to 77°C) (consult factory for higher temperature)

Housing: NEMA 4X Standard

Cable: 10' (3m) coaxial cable (longer length available)

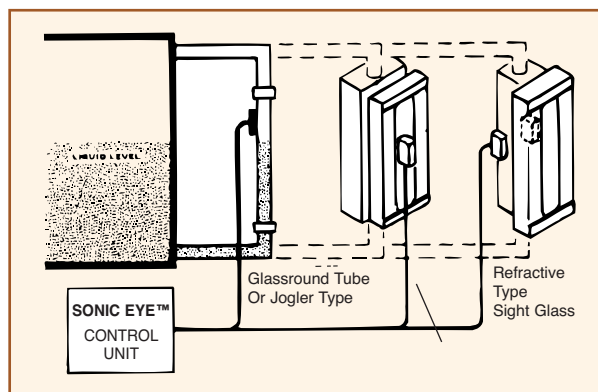
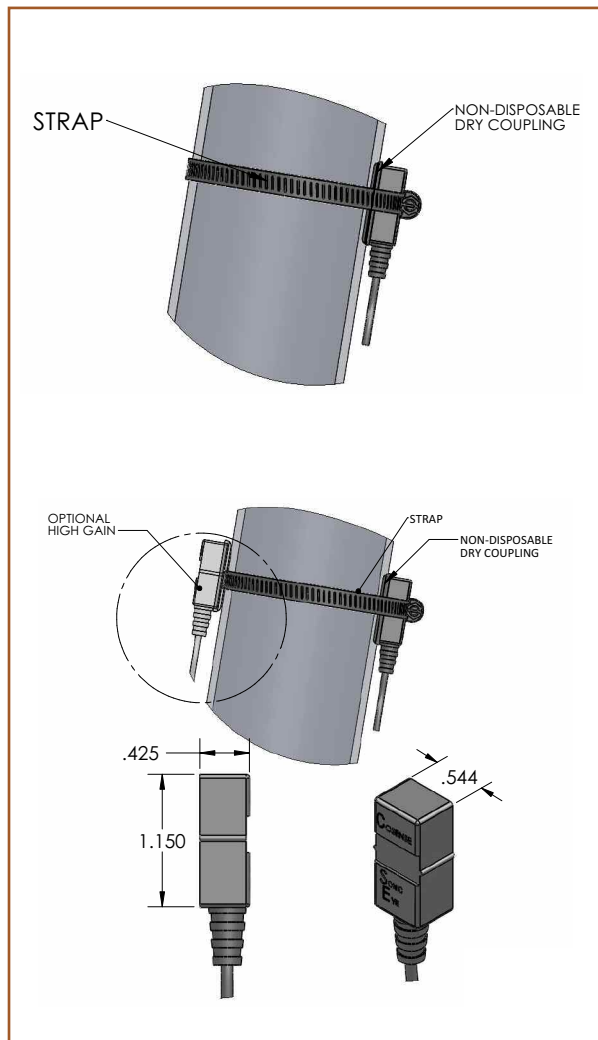
APPLICATION:

Viscosity of Liquids
 Alarm in Sight Glass
 Heating and Air Conditioning
 Hydraulic Supply lines for Heavy Machinery
 Pharmaceutical and Dairy Industries
 Chemical Analyzers
 High Pressure Glass Tube
 Semiconductor Industries

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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.

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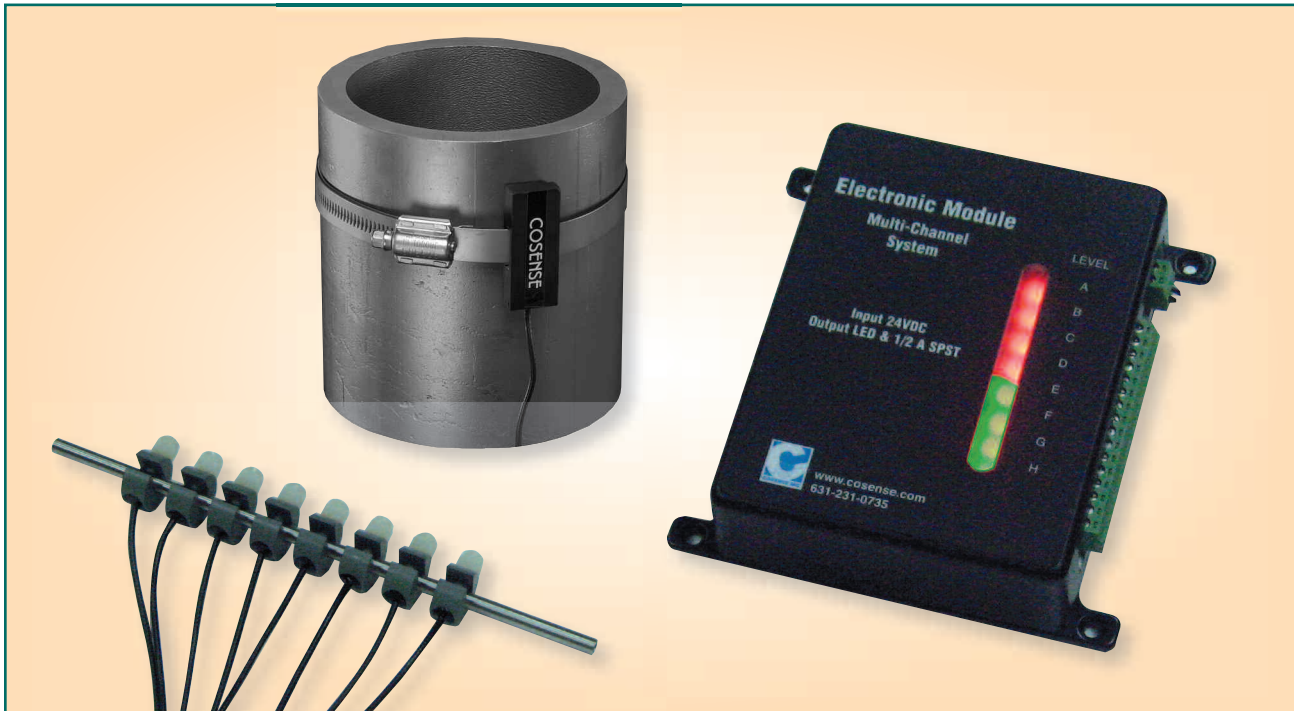
SE-611 SERIES

Sonic Eye™ Non-Invasive Liquid Level Switch Single/Multi Points

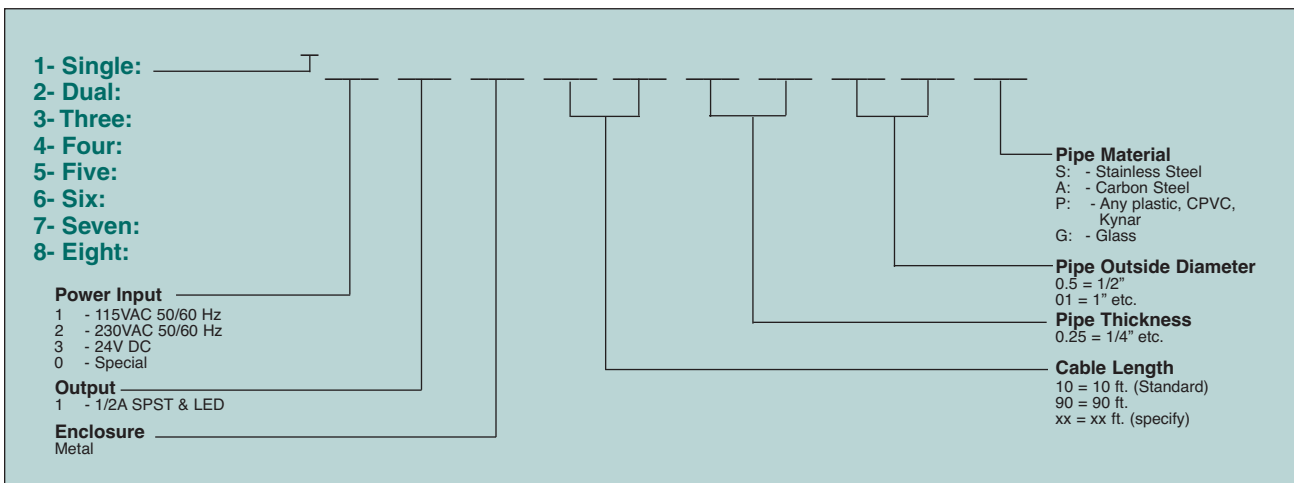


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HOW TO ORDER SE-611



SE-611 SERIES

FEATURES:

- **CLAMP-ON SENSOR** design works up to 1/2" (12.7mm) THICK-WALL metal or glass pipe, vessel or tubing.
- Pipe or vessel size from 1/4" (6.3mm) tubing to 12" (305mm) diameter
- Immune to coatings, sticky or corrosive liquids/pressure
- Single/dual/three/four alarm points

SPECIFICATIONS:

Repeatability: +/-2mm typical

Delay: 0.5 seconds - others available

Input Power: 115V or 230V 50/60 Hz AC (up to four points) 24V, DC

Outputs: Relay type single alarm/multiple alarm

Sensor Material: Epoxy

Temperature Range: Sensor -40°F to +180°F (-40°C to 82°C), Electronics -20°F to +170°F (-29°C to 77°C) (consult factory for higher temperature)

Housing: Metal

Cable: 10' (3m) coaxial cable (longer length available)

APPLICATION:

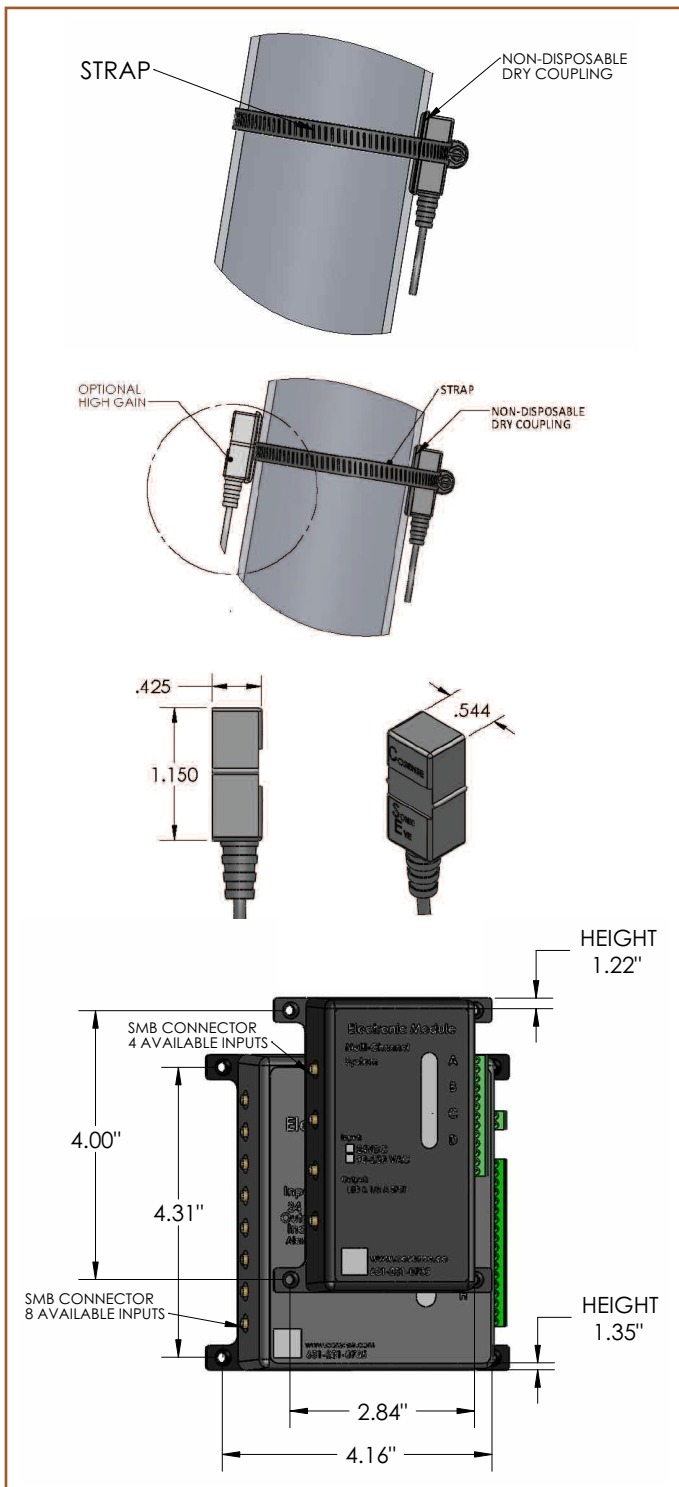
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 Chemical Analyzers
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