

ELS-300 Series Switches With Customized Lengths to 15 Inches

ORDER IT!
Ordering is Easy! See Instructions Below.

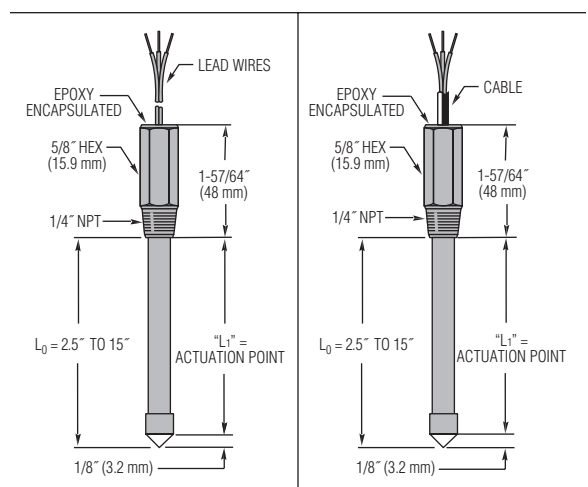
Stretch out and take a dip with these configurable electro-optic switches. They provide the ability to detect liquid levels within 15 inches of the top or bottom on a tank.

Specifications

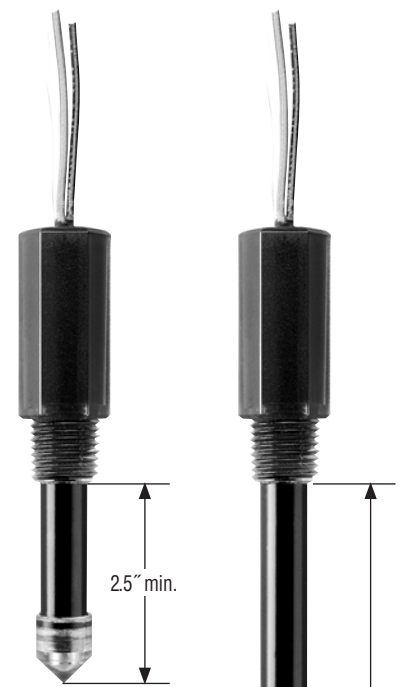
Materials	
Housing and Prism	Polysulfone
Operating Pressure	0 to 150 PSI, Maximum
Operating Temperature*	0°F to 176°F (-17.8°C to +80°C)
Input Power	5 VDC or 10-28 VDC
Current Consumption	18 mA, Approximately
Output	TTL/CMOS Compatible. Open Collector Output May Sink 40 mA Up to 30 VDC.
Repeatability	±1 mm
EMI Susceptibility	Meets (MIL-STD-461B Part 2 Modified) Specification of 10 V/M for Frequency Range 30 to 1000 MHz (Except 609 MHz = 9 V/M and 679 MHz = 7.5 V/M).

* These switches are not for use in freezing liquids.

ELS-300 Version



Electrical Termination	Lead Wires, 22 AWG, PVC Jacketed, 12" to 14" Extended	Cable, 22 AWG, PVC Jacketed, 12" to 14" Extended
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Extended Power and Switching Capabilities of 12 VDC Models with Gems.

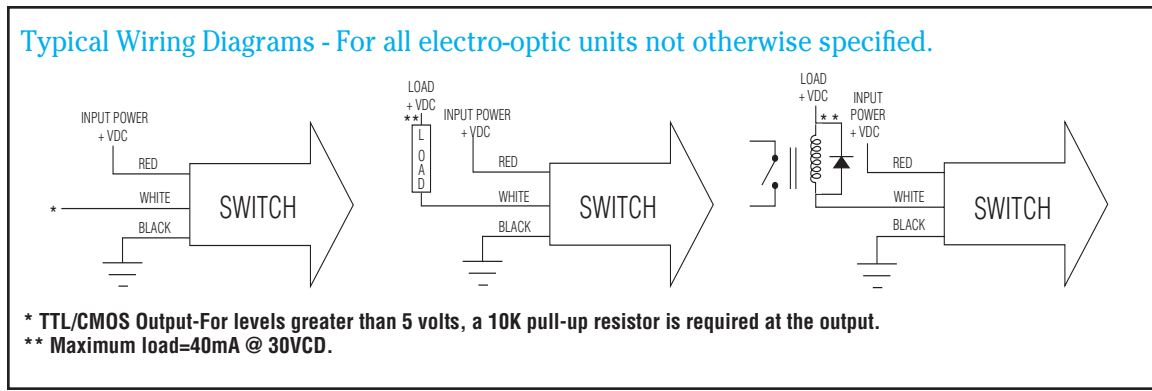


Converts TTL output signal to 5 Amp relay output. Available as open circuit board or mounted in a NEMA 4X enclosure (pictured). See Page A-33.


15" max.

How To Order

Use the Product Check List on the opposite page to specify an ELS-300 configuration. Fax in for RFQ order.



LEVEL SWITCHES

 <p>Photocopy This Form Use one form for each product type you are selecting.</p>	<p>Page# _____</p> <p>The Order! Order Sheet (Z-4) must accompany this Check List. The Order Sheet is not required for quotes.</p>	<p>Name _____</p> <p>Company _____</p> <p>Street _____</p> <p>City _____ State _____ Zip _____</p> <p>Phone (____) _____ Fax (____) _____</p> <p>This is a <input type="checkbox"/> Request for a Quote <input type="checkbox"/> Order P.O.# _____</p> <p>Quantity Needed _____ Date Required ____/____/____</p> <p>Shipping Method: _____ Partials Accepted: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
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ELS-300 Series, Electro-Optic Type Level Switches

Application Environmental Conditions

This information is essential to the accurate and proper operation of your GEMS configurable sensors. Please complete fully and accurately.

- | | |
|--|---|
| <p>1. Liquid Media: _____</p> <p>2. Pressure: Minimum _____ psig Maximum _____ psig</p> <p>3. Temperature: Minimum _____ °F Maximum _____ °F</p> <p>4. Specific Gravity: Minimum _____ Maximum _____</p> | <p>5. Viscosity: _____ SSU</p> <p>6. Tank Material: _____</p> <p>Tank Depth: _____</p> <p>7. Unit is Mounted In: <input type="checkbox"/> Tank Top <input type="checkbox"/> Tank Bottom</p> |
|--|---|

1. Electrical Termination:

- Standard Length – 12" to 14"
- Lead Wires Cable
- Other: _____

Options

1. Opto-Pak™ Controllers (Page A-33)
- Open Board (P/N 149536)
- NEMA 4X Enclosure (P/N 149535)

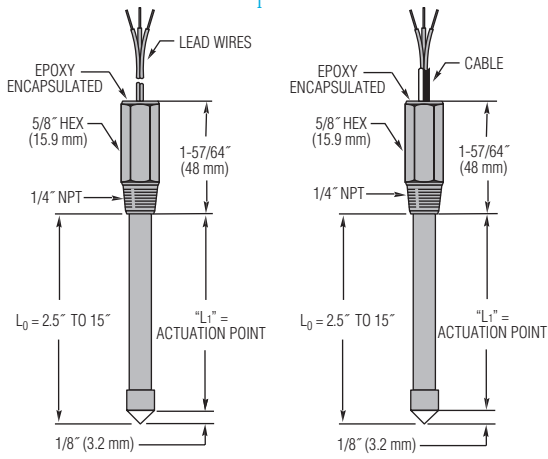
2. Input Power:

- 5 VDC 10-28 VDC

3. Probe Condition at Current Sink:

- Wet (N.O.) Dry (N.C.)

4. Actuation Point – L₁:



L₁ = _____ inches (14-7/8", Max.)
(Must be specified in 1/8" increments)

Overall Length (L₀) = _____ (2.5" Min.; 15" Max.)
(L₀ = L₁ + 1/8")

Please contact GEMS Sensors Inc. for any configuration or special requirements not covered on this form. **800-378-1600**

Quote \$ _____ Date Quoted ____/____/____



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