

**FAX IT!**  
**860-747-4244**

**Photocopy This Form**  
Use one form for each product type you are selecting.

This form may also be completed online at [gemssensors.com](http://gemssensors.com) for RFQ.

This is a  Request for a Quote  Order P.O.# \_\_\_\_\_

Quantity Needed \_\_\_\_\_

Date Required \_\_\_\_/\_\_\_\_/\_\_\_\_

Shipping Method: \_\_\_\_\_

Partials Accepted:  Yes  No

Name \_\_\_\_\_

Company \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_

Fax (\_\_\_\_) \_\_\_\_\_

## LS-300 Engineered Plastics Custom Length, Float Type Level Switch Check List

### Operational Parameters

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

1. **Liquid Media:** \_\_\_\_\_
2. **Pressure:** Minimum \_\_\_\_\_  psig  bar Maximum \_\_\_\_\_
3. **Temperature:** Minimum \_\_\_\_\_  °F  °C Maximum \_\_\_\_\_  °F  °C
4. **Specific Gravity:** Minimum \_\_\_\_\_ Maximum \_\_\_\_\_
5. **Viscosity:** \_\_\_\_\_ SSU
6. **Tank Material:** \_\_\_\_\_
- Tank Depth:** \_\_\_\_\_
7. **Unit is Mounted In:**  T – Top Mounted  B – Bottom Mounted

### Product Parameters

#### 1. Mounting Type:

- 11 – No Mounting  21 – 1/8" NPT
- 22 – 1" NPT  31 – 3/8"-24 Straight Thread
- 32 – 1-5/16"-12  41 – G1/4" (1/4"-19BSP)
- 42 – G1" (1"-11BSP)  51 – M12 x 1.5 Straight Thread
- 61 – 2" O.D. Flange  33 – 5/8"-11
- 63 – Pop Flange  71 – 5/8"-11 with 3/4" floats only

#### 2. Electrical Connections:

<input checked="" type="checkbox"/>	Type	Description	Compatible Mountings
	1	Lead Wires, 24" to 26" (610mm, Min.)	All
	2	Cable, 24" to 26" (610mm, Min)	All
	3	Liquid-Tight Cable Fitting	42
	4	Junction Box Assembly	42
	5	DIN43650 Plug Connector, 3 Poles	42
	6	DIN43651 Plug Connector, 6 Poles	42

#### 3. Float Type:

- Buna-N – P/N 39049  Polysulfone – P/N 39005
- Solid Foamed Polypropylene – P/N 119455
- Buna N – P/N 187553  Solid Foamed Polypropylene – P/N 197732
- Hollow Polypropylene – P/N 145730

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

Quote \$ \_\_\_\_\_ Date Quoted \_\_\_\_/\_\_\_\_/\_\_\_\_

#### 4. Electrical Rating:

- 010 – SPST, 10VA  020 – SPST, 20VA
- 050 – SPST, 50VA  100 – SPST, 100VA

#### 5. Wiring Group:

- Group 1 – Common Return
- Group 2 – Independent Return

#### 6. Switch Actuation Level:

Actuation Level	Distance to Actuation Level* <input type="checkbox"/> Inches <input type="checkbox"/> Millimeters	SPST Switch Operation** (Check Type)	
		N.O.	N.C.
L4			
L3			
L2			
L1***			

\* Measured from inner surface of mounting plug or flange. See mounting types on page B-3.

\*\* Switch position is "normal" with unit dry (tank empty).

\*\*\* L1 is the distance to the lowest actuation level with mounting "up," and is the distance to the highest actuation level with mounting "down."

B. Length Overall \_\_\_\_\_  Inches  Millimeters



**Gems Sensors & Controls**  
One Cowles Road  
Plainville, CT  
06062-1198

tel 860.747.3000  
fax 860.747.4244  
[www.gemssensors.com](http://www.gemssensors.com)