

# LS-3 Specials

SINGLE POINT

LEVEL SWITCHES

Unique features make these LS-3 Models special. These small switches feature unique configurations for special applications.



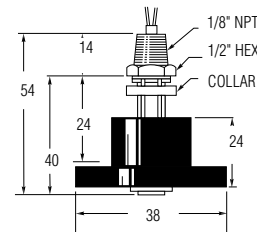
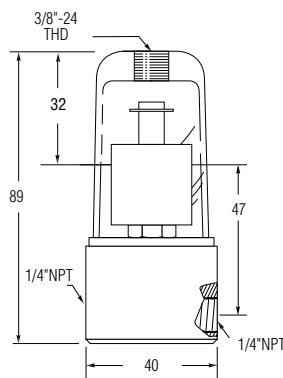
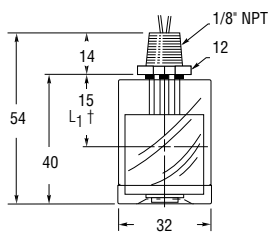
**LS-3 Slosh Shield**  
Compact, all-polypropylene switch with slosh shield is ideal for use with turbulent liquids in small tanks. FDA approved materials.



**LS-3 Bottle Level**  
For external mounting on tanks too small to accommodate internally mounted switches. (See note below)



**LS-3 Low Level**  
For detecting levels as low as 16mm from tank bottom. Use in water, gasoline, some oils and chemicals.



## Specifications

	LS-3 Slosh Shield	LS-3 Bottle Level	LS-3 Low Level
<b>Materials</b>			
<b>Stem and mounting</b>	Polypropylene ††	Polysulfone	Polysulfone
<b>Float</b>	Polypropylene	Polysulfone	Buna N
<b>Other wetted</b>	—	Brass, Aluminium,	Epoxy Polycarbonate, Viton A
<b>Min. liquid Sp.Gr.</b>	.90	.75	.45
<b>Operating temperature</b>	-40°C to +65.6°C	-40°C to +48.9°C	-40°C to +82.2°C
<b>Pressure, bar, Max. ***</b>	10	3	3
<b>Switch, SPST</b>	20 VA, N.C./N.O. Dry**	20 VA, N.C. Dry	20 VA, N.C. Dry
<b>Material compliance</b>			
<b>Electrical termination</b>	No. 22 AWG, 0.6m L., PVC Lead Wires	No. 22 AWG, 1.8m L., Polymeric Lead Wires	No. 22 AWG, 1.8m L., PVC Lead Wires
<b>Mounting</b>	1/8" NPT	3/8 UNF/1/4NPT	1/8" NPT
<b>Protection rating</b>	IP64	IP64	IP64
<b>Weight aprox.</b>	80g	170g	60g

\*\* Switch operation is selectable, N.O. or N.C.. by inverting the float on the unit stem.  
 \*\*\* Maximum pressure at 70°F (30°C).  
 † L<sub>1</sub>= Switch actuation level, nominal (based on a specific gravity of 1.0).  
 †† Consult factory for other available materials.

Note: LS-3 Series Bottle Level Switch is also available with any of the float materials shown on LS-3 page. Contact GEMS for correct part number.

## How to Order

LS-3 Slosh Shield	LS-3 Bottle Level	LS-3 Low Level
142545	46999	76707

Standard Products in **bold**