

LS-3 Specials

SINGLE POINT

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



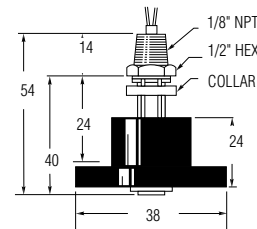
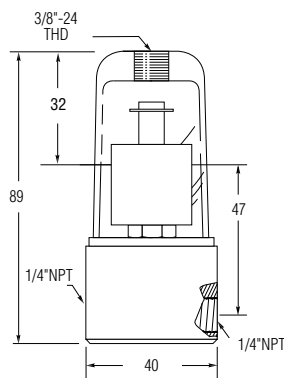
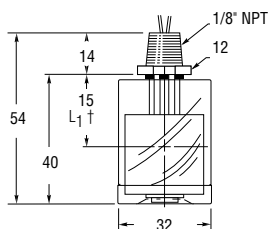
LS-3 Slosh Shield
Compact, all-polypropylene switch with slosh shield is ideal for use with turbulent liquids in small tanks. FDA approved materials.



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
Materials			
Stem and mounting	Polypropylene ††	Polysulfone	Polysulfone
Float	Polypropylene	Polysulfone	Buna N
Other wetted	—	Brass, Aluminium,	Epoxy Polycarbonate, Viton A
Min. liquid Sp.Gr.	.90	.75	.45
Operating temperature	-40°C to +65.6°C	-40°C to +48.9°C	-40°C to +82.2°C
Pressure, bar, Max. ***	10	3	3
Switch, SPST	20 VA, N.C./N.O. Dry**	20 VA, N.C. Dry	20 VA, N.C. Dry
Material compliance			
Electrical termination	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
Mounting	1/8" NPT	3/8 UNF/1/4NPT	1/8" NPT
Protection rating	IP64	IP64	IP64
Weight aprox.	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).
 † L₁= 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**