

How To Order – Select Part Number based on specifications required.

Stem and Mounting Material	Float Material	Float Dia.	Actuation Level ¹	Min. Liquid Sp. Gravity	Pressure Max. @ 70°F (21°C)	Operating Temperature	Mounting Type	Electrical Termination	Part Number
Polysulfone	Polysulfone	1"	3/4" (19.0 mm)	.75	50 psi (3 bar)	-40°F to +225°F (-40°C to +107°C)	1/8" NPT	Lead Wires	42295 ⚡
Polypropylene ²	Polypropylene (Hollow)	1"	13/16" (20.6 mm)	.60	50 psi (3 bar)	-40°F to +225°F (-40°C to +107°C)	1/8" NPT	Lead Wires	142505 ⚡
							3/8"-16	Lead Wires	171517
							G 1/8"-28	Cable	171518
							M12x1.75	Cable	189739
Polypropylene ³ NSF Std. C-2 (Kynar float retaining clip)	Polypropylene ³ (Hollow) NSF Std. C-2	1"	13/16" (20.6 mm)	.60	50 psi (3 bar)	-40°F to +225°F (-40°C to +107°C)	1/8" NPT	Lead Wires	209475
							3/8"-16	Lead Wires	209455
							G 1/8"-28	Lead Wires	209460
							M12x1.75	Lead Wires	209465
Polypropylene ²	Polypropylene (Solid)	1"	9/16" (14.3 mm)	.90	150 psi (10 bar) @ 68°F (20°C)	-40°F to +150°F (-40°C to +66°C)	1/8" NPT	Lead Wires	116826 ⚡
							3/8"-16	Lead Wires	171514
		3/4"	7/16" (11.1 mm)	.95	Atmospheric	-40°F to +176°F (-40°C to +80°C)	M12x1.75	Cable	189787
Nylon	Buna	1"	13/16" (20.6 mm)	.45	150 psi (10 bar)	-40°F to +250°F (oil) (-40°C to +121°C [oil])	1/8" NPT	Lead Wires	162745 ⚡
							M12x1.75	Cable	189786
		3/4"	11/16" (17.5mm)	.85	150 psi (10.3 bar)	-40°F to +176°F (water) (-40°C to +80°C [water])	1/8" NPT	Lead Wire	177818
PVDF	PVDF	1"	1/2" (12.7 mm)	.86	50 psi (3 bar)	-40°F to +250°F (-40°C to +121°C)	1/8" NPT	Teflon Jacketed Lead Wires	173250

Notes:

1. Based on a liquid specific gravity of 1.0.
2. All Polypropylene units carry a Kynar retaining clip. Accessories Available in OEM Quantities: Jam Nut, Gaskets, and Slosh Shields.
3. NSF C-2 Approved unit, for water use only.

⚡ – Stock Items.

3/4" Diameter Floats for Tiny Tanks

Our smallest LS-3 yet!

- ▶ Reliable alternative to more expensive electronic sensors.
- ▶ Fits smaller devices. Less material, lower cost.
- ▶ Proprietary float more buoyant than competitors.

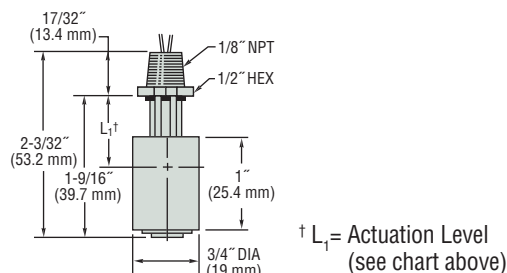
Small yes, but with BIG performance. No other 3/4" float switch on the market matches our LS-3 specs. These units are ideal for potable water, medical devices and other compact appliances, such as printers. Gems proprietary float enables use in lighter-than-water fluids. NSF/ FDA compliant models available at your request. Please consult factory.

Specifications

Wetted Material	
Stem and Mounting	
P/N 201540	Polypropylene with Kynar retaining clip
P/N 177818	Nylon
Float	
P/N 201540	Polypropylene
P/N 177818	Buna-N
Operating Temperature, Max.	
P/N 201540	212°F (100°C)
P/N 177818	250°F (121°C) oil, -40°F to +176°F (-40°C to +80°C)
Pressure, Max.	
P/N 201540	Atmospheric
P/N 177818	150 psi (10.3 bar)



Dimensions



Order by Part Numbers:

- LS-3, 3/4" Polypropylene Float: 201540**
- LS-3, 3/4" Buna-N Float: 177818**