

Single level switch LS-3

Ideal for shallow tanks or restricted spaces, or for any low-cost, high volume use. LS-3 Series are available in FDA approved materials, consult GEMS for details.

Polysulfone Float



For water based liquids, with limited use in oils and chemicals

Buna N Float



Ideal for oils and fuels

Polypropylene Float (Solid)

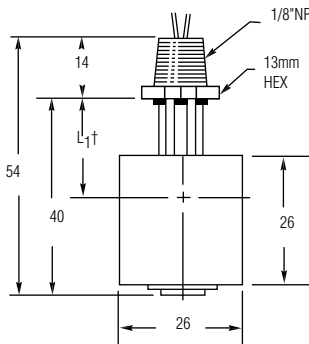


With Polypropylene stem and float, switch offers broad chemical compatibility

Polypropylene Float (Hollow)



Features a low specific gravity float offering broad chemical compatibility to satisfy a wide variety of applications



$L_1 \uparrow$ Switch actuation level, nominal (based on a liquid specific gravity of 1.0).
 Polysulfone Float: 19.0mm
 Polypropylene Float (Hollow): 20.6 mm
 Polypropylene Float (Solid): 14.3 mm
 Buna N Float: 20.6mm

Alternate Mountings

3/8"-16 UNC	G1/8"	M12x1.75
		Supplied with mating nut

Specifications

	Polysulfone	Nylon/Buna N	Polypropylene	Polypropyl. (hollow)
Material stem:	Polysulfone	Nylon*	Polypropylene**	Polypropylene**
Material float:	Polysulfone	Buna N	Polypropylene (solid)	Polypropylene (hollow)
Operating pressure:	3 bar	10 bar	10 bar	3 bar
Temperature: cable	-40°C...+80°C	-20°C...+80°C	-40°C...+65°C	-40 °C...+80°C
leads	-40°C...+107°C	-20°C...+121°C	-40°C...+65°C	-40°C...+107°C
Depth of immersion at a density of 1:	~15 mm	-9 mm	~19 mm	-13 mm
Min. specific gravity of the liquid:	0.75	0.45 (0.85 19mm)	0.90 (0.85 19mm)	0.60
Type of reed switch:	SPST 50 VA cable SPST 20 VA leads	SPST 50 VA (cable) SPST 20 VA (leads)	SPST 50 VA (cable) SPST 20 VA (leads)	SPST 50 VA (cable) SPST 20 VA (leads)
Electrical connection: (Length: appr. 0.6 m)	Cable: 0.34 mm ² PVC Fly lead: AWG 22 PVC	Cable: 0.34 mm ² PVC Fly lead: AWG 22 PVC	Cable: 0.34 mm ² PVC Fly lead: AWG 22 PVC	Cable: 0.34 mm ² PVC Fly lead: AWG 22 PVC
Mounting thread:	1/8" NPT	1/8" NPT, G1/8", M12x1.75, 3/8x16		
Protection rating :	IP64	IP64	IP64	IP64
Weight: approx	20 g	20 g	20 g	20 g

How To Order

	Mounting	Polysulfone	Nylon/Buna N 25mm 19mm	Polypropylene 25mm 19mm	Polypropylene
Cable	G1/8	010 - 2919(1/8 NPT)	171512	177820	171515
	M12 + NUT	-	189786	-	189787
Leads	1/8 NPT	42295	162745	177818	116826
	3/8 UNC	-	171511	177819	201540

* Not suitable for long term use in water. ** Not suitable for Hydrocarbons Standard Products in **bold**