

AMBIT Instruments Pty Ltd

LS 1 Series Level Switches

Compact, Rugged, Yet Economical!

The LS 1 Series of liquid level switches from KIP provide a reliable, compact, low cost solution to liquid-level control for the selective OEM. This family of plastic level switches offers a broad variety of answers to many of today's demanding applications. Whether your problem is size, material compatibility, or wave motions falsely actuating switches, your answer should be found on these pages or through a quick conversations with KIP. A variation to these standards will surely solve the most discriminating application.

FEATURES:

- Small, compact size with small displacement
- Highly reliable, yet inexpensive
- Seamless cellular construction
- Temperature range up to 225°F
- Excellent chemical resistance
- Material is FDA Approved
- Unique hex designed stem



**Polypropylene
Foamed Float**



**Polypropylene
Hollow Float**



**PBT
Hollow Float**

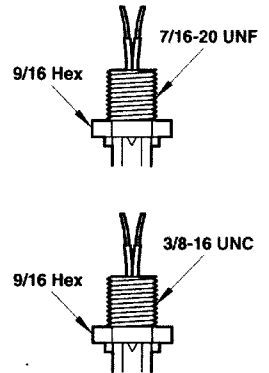
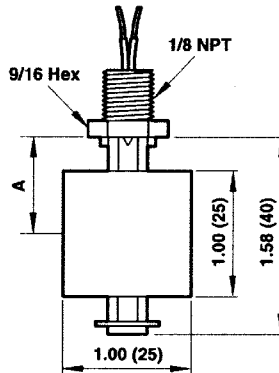
UL Recognized
File No. E 129277



CSA Approved
File No. LR 90981



A - actuation point is approximately midway of float travel in liquid with a specific gravity of 1.0.



SPECIFICATIONS:

MAXIMUM PRESSURE @ 70° F

Foamed Float 150 PSI (10.3 bar)
Hollow Float 10 PSI (.69 bar)

TEMP. OPERATING RANGE

Foamed Float -40° to 150° F (-40° to 66° C)
Hollow Float (PBT) -40° to 225° F (-40° to 107° C)

LEADWIRE

Polypro Units 22 AWG, 24" long
PBT Units 22 AWG, 24" long

RECOMMENDED MINIMUM LIQUID SP GR

Foamed Polypro Float .72
PBT Float .65

LS 1 Series Ordering Numbers:

Part Number	MTG	Stem Material	Float Material	Other Wetted Parts	Switch Rating
0255-024†	1/8" NPT	Polypro	Polypro	Polypro	20VA*
0342-024	1/8" NPT	Polypro	Buna	Polypro	20VA*
0506-024†	1/8" NPT	Polypro	Polypro	316 SS	10VA
0507-024†	1/8" NPT	Polypro	Polypro	Polypro	10VA
0615-024†	7/16-20 UNF	Polypro	Polypro	Polypro	20VA*
0689-024†	1/8" NPT	Polypro	Polypro	Polypro	3VA SPDT
1072-024	7/16-20 UNF	PBT	PBT	PBT	20VA*
1073-024	1/8" NPT	PBT	PBT	PBT	20VA*

* UL and CSA switch ratings are 20VA pilot duty rated; 120VAC - 240VAC

† "NSF Certified" - These products conform to the requirements of NSF Criteria C@ - Special and/or Devices.
- For NSF label add prefix N to the part number when ordering.