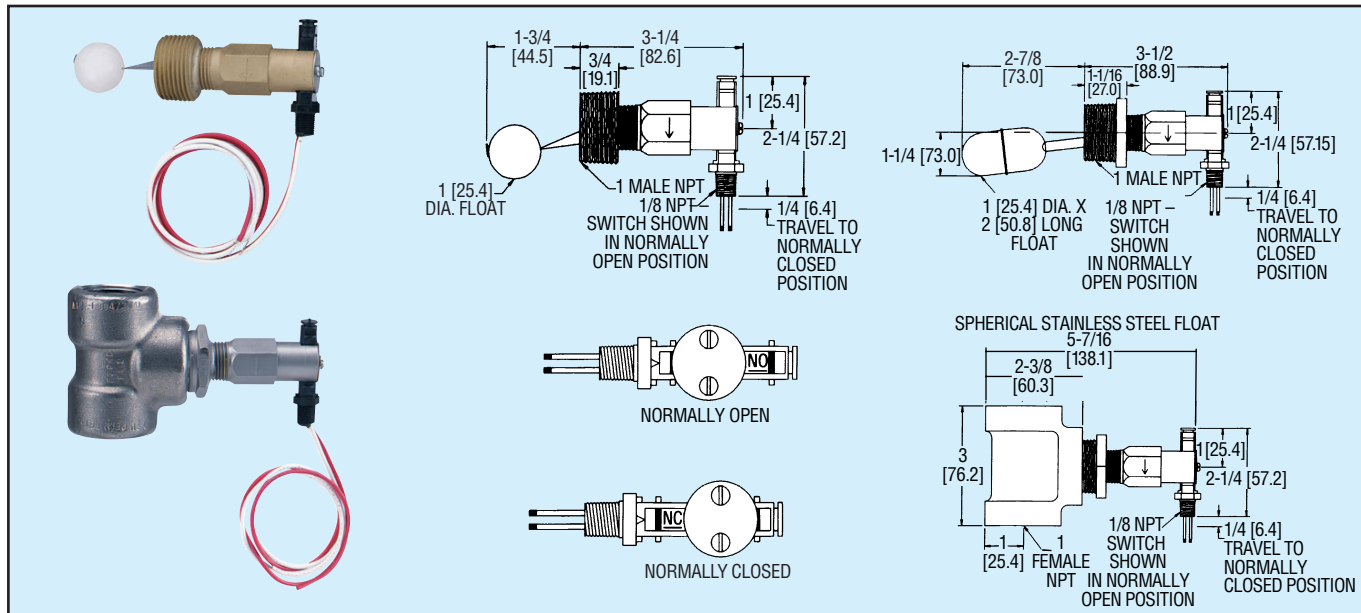




Series L10

FLOTECT® Mini-Size Level Switch

Easy in-wall or external installation, specific gravities as low as 0.5.



The Mini-Size Series L10 FloTECT® Level Switches combine low cost with top quality materials and construction for great value and years of reliable liquid level control. Wide media compatibility is assured with a choice of brass or stainless steel bodies and external tees; polypropylene or stainless steel floats. Two basic configurations are offered; with 1" male NPT threads for direct side mounting through a half coupling or with factory installed tee for external mounting.

All Series L10 controls feature a hermetically sealed, magnetically actuated SPST reed switch which is encapsulated in a polypropylene housing. Units are quickly and easily adjusted for your choice of normally open or normally closed operation thanks to a unique patented design. Just loosen two screws and instantly slide the switch assembly to the action required. N.O. and N.C. markings are clearly visible. This feature also speeds switch replacement if damage occurs.

Three types of floats are offered to accommodate liquids with specific gravities as low as 0.5; maximum pressures to 2000 psig (137.8 bar). Wire leads are 22 AWG x 18" (460 mm) and exit the switch assembly through 1/8" male NPT threads. These controls are UL recognized and CSA listed.

WETTED MATERIALS CHART

Model Number	Brass	Bronze	Ceramic Magnet	Polypropylene	301 SS	303 SS	304 SS
L10-B-3-0	X		X	X	X		
L10-B-3-A	X		X		X		X
L10-B-3-C	X		X		X		
L10-B-3-B	X	X	X	X	X		
L10-B-3-H	X	X	X		X		X
L10-S-3-0			X	X	X	X	X
L10-S-3-A			X		X	X	X
L10-S-3-C			X		X	X	X
L10-S-3-S			X	X	X	X	X
L10-S-3-L			X		X	X	X

PHYSICAL DATA

- Temperature Limit:** 200°F (93°C).
- Maximum Pressure:** See chart.
- Piping Connection:** 1" male NPT (sidewall mount); 1" female NPT (external tee). Optional: 1 1/4", 1 1/2" or 2" male NPT (sidewall mount) or female NPT (external tee).
- Switch:** Hermetically sealed single pole, single throw reed switch. Field adjustable between normally open and normally closed.
- Electrical Ratings:** 1.5A @ 24 VDC resistive, 0.001A @ 200 VDC resistive, 0.5A @ 120 VAC.
- Listings:** UL recognized and CSA listed.
- Wire:** 22 AWG x 18 inches (460 mm) long.
- Switch Body:** Choice of brass or 303 stainless steel.
- Reed Switch Housing:** Polypropylene.
- Installation:** Install horizontally with index arrow pointing down.
- Weight:** Without tee: 9 oz. (255 gr); with tee: 2 lb., 4 oz. (1.02 kg).

STOCKED MODELS

Model Number	Body Material	Installation/Mounting	Float Material	Max. Press. psig (bar)	Min. S.G.
L10-B-3-0	Brass	Side Wall	Solid Polypropylene	1000 (68.9)	0.9
L10-B-3-A	Brass	Side Wall	Cylindrical St. Steel	200 (13.8)	0.5
L10-B-3-C	Brass	Side Wall	Round St. Steel	350 (24.1)	0.7
L10-B-3-B	Brass	Ext. Tee	Solid Polypropylene	250 (17.2)	0.9
L10-B-3-H	Brass	Ext. Tee	Round St. Steel	250 (17.2)	0.7
L10-S-3-0	St. Steel	Side Wall	Solid Polypropylene	2000 (137.8)	0.9
L10-S-3-A	St. Steel	Side Wall	Cylindrical St. Steel	200 (13.8)	0.5
L10-S-3-C	St. Steel	Side Wall	Round St. Steel	350 (24.1)	0.7
L10-S-3-S	St. Steel	Ext. Tee	Solid Polypropylene	2000 (137.8)	0.9
L10-S-3-L	St. Steel	Ext. Tee	Round St. Steel	350 (24.1)	0.7

For 1" connection change -3 to -4, for 1 1/4" connection change -3 to -5, for 2" connection change -3 to -6.

Level