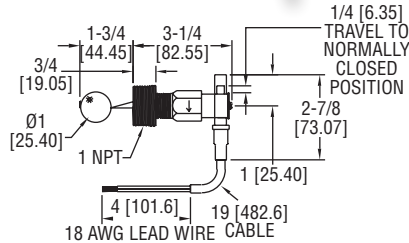


FLOTECT® MINI-SIZE LEVEL SWITCH

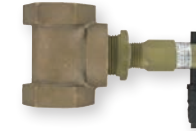
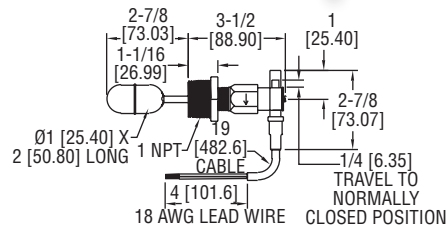
Easy In-wall or External Installation, Specific Gravities as Low as 0.5



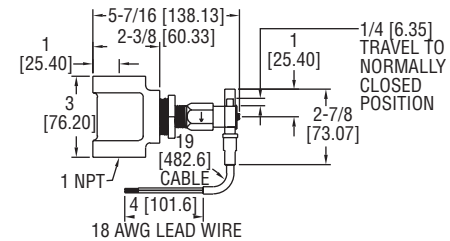
Spherical Float



Cylindrical Float



External Float Chamber



The **SERIES L10** FloTECT® Mini-Size Float Switches is a series of economical, compact liquid level floats. It is offered in brass or 303 SS bodies and external tees as well as polypropylene or 304 SS floats with 1" NPT male threads, for direct side mounting through a half coupling, or with factory installed tee for external mounting. This series can be used in liquids with specific gravities as low as 0.5.

FEATURES/BENEFITS

- Hermetically sealed, magnetically actuated SPST reed switch which is encapsulated in a polypropylene housing
- Simple field switch adjustment allows user to toggle between normally open (NO) or normally closed (NC) with no change in the electrical connection
- Switch is easily replaced without affecting process installation for quick and low cost maintenance
- Combines low cost with top quality materials and construction for great value and years of reliable liquid level control

APPLICATIONS

- Direct pump control for maintaining level
- Automatic tank dump operations
- Level control
- Valve control

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials: Float: Solid polypropylene or 304 SS; Body: Brass or 303 SS; Magnet: Ceramic; External float chamber (tee): None, brass, or 304 SS; Other: Lever arm, pin, spring, etc.: 301 SS, 302 SS, 316 SS.

Temperature Limit: 200°F (93°C).

Pressure Limit: See chart.

Enclosure Rating: Weatherproof, meets NEMA 4X (IP66).

Switch Type: SPST hermetically sealed reed switch. Field adjustable for NO or NC.

Electrical Rating: 1.5 A @ 24 VDC res., 0.001 A @ 200 VDC res., 0.5 A @ 125 VAC.

Electrical Connections: 18 AWG, 19" (483 mm) long, PVC jacket. Rated 221°F (105°C).

Process Connection: 1" male NPT standard on models without external float chamber. Change 3 in model number to 4 for 1-1/4", to 5 for 1-1/2", or 6 for 2". 1" female NPT on models with external float chamber.

Mounting Orientation: Horizontal with index arrow pointing down.

Specific Gravity: See chart.

Switch Enclosure: Nylon.

Weight: Approximately 10 oz (0.283 kg) without external float chamber, 2.32 lb (1.05 kg) with external float chamber.

Agency Approvals: CSA, UR.

MODEL CHART - BRASS BODY

Model	Installation	Float Material	Max. Pressure psig (bar)	Min. S.G.
L10-B-3-O	Side wall mounting	Polypropylene spherical	1000 (69)	0.9
L10-B-3-A	Side wall mounting	304 SS cylindrical	200 (13.8)	0.5
L10-B-3-C	Side wall mounting	304 SS spherical	350 (24.1)	0.7
L10-B-3-B	Brass tee	Polypropylene spherical	250 (17.2)	0.9
L10-B-3-H	Brass tee	304 SS spherical	250 (17.2)	0.7

MODEL CHART - 303 SS BODY

Model	Installation	Float Material	Max. Pressure psig (bar)	Min. S.G.
L10-S-3-O	Side wall mounting	Polypropylene spherical	2000 (137.8)	0.9
L10-S-3-A	Side wall mounting	304 SS cylindrical	200 (13.8)	0.5
L10-S-3-C	Side wall mounting	304 SS spherical	350 (24.1)	0.7
L10-S-3-S	304 SS tee	Polypropylene spherical	2000 (137.8)	0.9
L10-S-3-L	304 SS tee	304 SS spherical	350 (24.1)	0.7