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 switches feature a hermetically sealed, magnetically actuated SPST reed switch. Field adjustable for normally open or normally closed operation thanks to a unique 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 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). These controls are UL recognized and CSA listed.

**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 below.
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- **Enclosure Rating:** Weatherproof, meets NEMA 4X (IP66).
- **Switch Type:** SPST hermetically sealed reed switch. Field adjustable for normally open or normally closed.
- **Electrical Rating:** 1.5 A @ 24 VDC res., 0.001 A @ 200 VDC res., 0.5A @ 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.
- **Weight:** Approximately 10 oz (0.283 kg) without external float chamber, 2.32 lb (1.05 kg) with external float chamber.
- **Specific Gravity:** See chart below.
- **Agency Approvals:** UL and CSA.
- **Switch Enclosure:** Nylon.

**Model** | **Body Material** | **Installation/Mounting** | **Float Material** | **Max. Press. psig (bar)** | **Min. S.G.**
---|---|---|---|---|---
L10-B-3-O | Brass | Side Wall Mounting | Polypropylene Spherical | 1000 (69) | 0.9 |
L10-B-3-A | Brass | Side Wall Mounting | 304 SS Cylindrical | 200 (13.8) | 0.5 |
L10-B-3-C | Brass | Side Wall Mounting | 304 SS Spherical | 350 (24.1) | 0.7 |
L10-B-3-B | Brass | Brass External Float Chamber (Tee) | Polypropylene Spherical | 250 (17.2) | 0.9 |
L10-B-3-H | Brass | Brass External Float Chamber (Tee) | 304 SS Cylindrical | 250 (17.2) | 0.7 |
L10-S-3-O | 303 SS | Side Wall Mounting | Polypropylene Spherical | 2000 (137.8) | 0.9 |
L10-S-3-A | 303 SS | Side Wall Mounting | 304 SS Spherical | 350 (24.1) | 0.7 |
L10-S-3-C | 303 SS | Side Wall Mounting | Polypropylene Spherical | 2000 (137.8) | 0.9 |
L10-S-3-S | 303 SS | 304 SS External Float Chamber (Tee) | 304 SS Spherical | 350 (24.1) | 0.7 |
L10-S-3-L | 303 SS | 304 SS External Float Chamber (Tee) | Polypropylene Spherical | 2000 (137.8) | 0.9 |