Rugged and reliable, the Series L4 Flotect® Level switch operates automatically to indicate tank level. Perfect for starting or stopping pumps, opening or closing valves, or actuate level alarm signals. A unique magnetically actuated switching design gives superior performance. There are no bellows, springs, or seals to fail. Instead, the free-swinging float attracts a magnet within the solid metal switch body, actuating a snap switch by means of a simple lever arm. Float arm hinge design limits the arm angle to prevent vertical hangup.

**FEATURES**
- Leak proof body machined from bar stock
- Choice of floats dependent on maximum pressure and specific gravity
- Weatherproof, designed to meet NEMA 4
- Choice of floats dependent on maximum pressure and specific gravity
- Magnet keeper: 430 SS standard, 316 SS or Nickel optional.
- Pressure Limit: Brass body 1000 psig (69 bar), 316 SS body 2000 psig (138 bar).
- Dead Band: 3/4˝ (19 mm) for standard float.
- Horizontal installation standard, optional vertical top mount.
- Temperature Limits: 4 to 275°F (-20 to 135°C) standard, MT high temperature option 400°F (205°C) [MT option not UL, CSA, ATEX, or SAA].
- Process Connection: 1-1/2˝ male NPT standard, 2-1/2˝ male NPT required for optional flanges.

**APPLICATIONS**
- Direct pump control for maintaining level
- Automatic tank dump operations
- Control levels or provide alarms in sumps, scrubber systems, hydro-pneumatic tanks, low pressure boilers, and various waste water/sewage treatment processes

**SPECIFICATIONS**
- Service: Liquids compatible with wetted materials.
- Wetted Materials:
  - Float and rod: 316 SS
  - Body: Brass or 316 SS standard; Magnet keeper: 430 SS standard, 316 SS or Nickel optional.
- Temperature Limits: 4 to 275°F (-20 to 135°C) standard, MT high temperature option 400°F (205°C) [MT option not UL, CSA, ATEX, or SAA].
- Pressure Limit: Brass body 1000 psig (69 bar), 316 SS body 2000 psig (138 bar).
- Standard float rated 100 psig (6.9 bar). For other floats see options.
- Switch Type: SDPT snap switch standard, SDPT snap switch optional.
- Electrical Rating: UL, FM, ATEX and SAA models: 10A @ 125/250 VAC (V~). CSA models: 5A @ 125/250 VAC (V~); 5A res., 3A ind. @ 30 VDC (V   ). MT option: 5A @ 125 VAC (V~); 1A res., .5A ind. @ 30 VDC (V~). CSA models: 10A @ 125/250 VAC (V~); MT and MV option not UL, CSA, FM, ATEX or SAA.
- Electrical Connections: UL and CSA models: 16 AWG, 6" (152 mm) long. ATEX and SAA unit: terminal block.
- Process Connection: 1-1/2˝ male NPT standard, 2-1/2˝ male NPT required for optional floats.
- Mounting Orientation: Horizontal installation standard, optional vertical top mount.
- Weight: 4 lb 9 oz (2.07 kg).
- Dead Band: 3/4˝ (19 mm) for standard float.
- Specific Gravity: 0.7 minimum with standard float. For other floats see options.
- Agency Approvals: UL, CSA, FM, CE and ATEX.

**OPTIONS FOR L4 SWITCHES ABOVE** — Add suffixes to model numbers
- DPDT contacts, add suffix -D
- Gold Plated Contacts option for dry circuits, add suffix -MV
- High Temperature option rated 400°F (204°C), add suffix -MT
- Time Delay Relay option with 2 SPDT contacts, adjustable from 0-1 to 0-31 minutes. Add suffix -TRD (increasing flow) or -TRD (decreasing flow) (no listings or approvals)
- 316 SS Magnet Keeper option to replace standard 430 SS, add suffix -316
- ATEX approved construction, add suffix -AT
- SAA approved construction, add suffix -SAA
- Top Mounted option for vertical flange installation (distance from flange face to centerline of float to be specified, 20˝ (508 mm) maximum), add suffix -TOP
- Optional Floats (all 2-1/2˝ spherical):
  - 304 SS rated 50 psig (3.5 bar) and 0.5 min. s.g., add suffix -50
  - 316 SS rated 150 psig (10.3 bar) and 0.7 min. s.g., add suffix -150
  - 304 SS rated 300 psig (20.7 bar) and 0.7 min. s.g., add suffix -300

Consult factory for price and availability of fittings for L4 installation. Threaded Branch Connection, bushings, and flanges are available in a variety of sizes and materials.