

Specialty Switches – Continued

Portable Level Switch — Integral Mounting Magnet



Precisely monitors liquid level and is ideal for controlling filling operations and preventing overflows. Permanent magnet attaches unit securely to steel tank wall at exact level required.

LS-750 Series — Weighted for Suspension Cable



With a compact-sized float, sash shield and weighted collar, the LS-750 provides liquid level detection for a wide variety of applications. Suspend in stand pipes or sumps for leak detection duty, or drop into wells for ground-water monitoring. Supplied with 25 feet of waterproof cable.

U.L. Recognized—
File No. E-45168.
CSA Listed-File No. LR-30200.

LS-700F Series



Overfill Protection for Refrigerant Tanks. The LS-700F enables safe compliance with EPA directives to recover refrigerants. These units are designed to fit standard 30# and 50# D.O.T. approved refrigerant tanks. They provide 80% full shutoff capability when used as an integral part of a recovery system.

U.L. Recognized—
File No. SA8857.
CSA Listed-File No. LR-30200-31.

Dimensions

| Portable Level Switch | LS-750 | LS-700F |
|---------------------------|----------------------|---------------------------------------|
| | | |
| SJO, 18/2 10'L., Neoprene | 22 AWG, 2-Wire Cable | 3- or 4-Pin, Quick-Connect Receptacle |

†L_s = Switch actuation level. In liquid with specific gravity of 1.0, switch actuation is approximately half the distance from end of stem to mounting, or at the halfway point of float travel.

How To Order — Select Part Number based on specifications required.

| Series | Material | | | Min. Liquid Sp. Gr. | Operating Temperature | Pressure PSI, Max. | Switch* | Electrical Termination Option | Part Number |
|----------|-------------------|----------|------------------------------|---------------------|--|--------------------|-----------------------|-------------------------------|-------------|
| | Stem and Mounting | Float | Other Wetted | | | | | | |
| Portable | Brass | Buna N | Aluminum, 316 S.S. | .85 | Oil: -40°F to +230°F (-40°C to +110°C) Water: to 180°F (82°C) | 10 | SPST, 20 VA N.O., Dry | — | 15208 |
| LS-750 | Brass | Buna N | Nylon, PVC, Beryllium Copper | .45 | | 150 | SPST, 20 VA N.C., Dry | PVC Cable Jacket | 149350 ⚡ |
| | 316 S.S.** | 316 S.S. | PVDF, Viton® | .65 | -40°F to 212°F (-40°C to +100°C) | 375 | SPST, 10 VA N.C., Dry | Teflon® Cable Jacket | 197433 |
| LS-700F | Brass | 304 S.S. | — | .98 | -40°F to +221°F (-40°C to +105°C) | 400 | SPST, 20 VA N.C., Dry | 3-Pin | 128500 ⚡ |
| | | | | | | | | 4-Pin | 144900 ⚡ |

*See "Electrical Data" on Page X-5 for more information.

⚡ — Stock items.

** Stainless steel is generally recognized as safe (GRAS) with FDA for food contact regulations.

LEVEL SWITCHES – SINGLE POINT