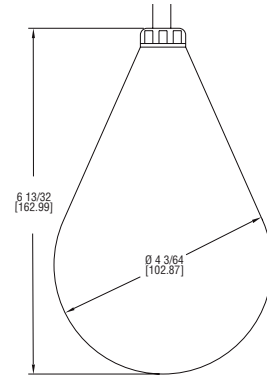




Series FSW Free-Floating Level Switch Installation and Operating Instructions



Series FSW Free-Floating Level Switch is a dual level switch designed for filling and draining of tanks, wells, and reservoirs. The shape and interior balance weight ensure impurities and dirt will not adhere to the surface, making it ideal for sewage and waste water applications. The mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover.

SPECIFICATIONS

Service: Compatible liquids, slurries.

Wetted Materials:

Polypropylene housing, EPDM gland, PVC cable.

Temperature Limits: 140°F (60°C).

Pressure Limits: 60 psi (4 bar).

Enclosure Rating: NEMA 4 (IP68).

Switch Type: SPST.

Electrical Rating: 10 A @ 250 VAC, resistive.

Mounting Orientation: Vertical.

Weight: FSW-6: 2.6 (1.2 kg); FSW-15: 3.85 lb (1.75 kg); FSW-30: 6.8 lb (3.1 kg).

Agency Approvals: CE.

INSTALLATION

The unit should be installed in a vertical position. Secure the cable with a small clamp in the reservoir or container. Stress and mechanical tension must be prevented when installing to ensure proper operation. Be sure the cable avoids any jagged edges that may wear at it.

Any extensions to the cable, must be performed outside the reservoir or tank that the unit is mounted in. (Other cable lengths are available, please contact the factory). If the cable must be extended on site, use a splice connection box to seal the splice in the cable and prevent water and/or humidity from damaging the unit.

WIRING DIAGRAM

