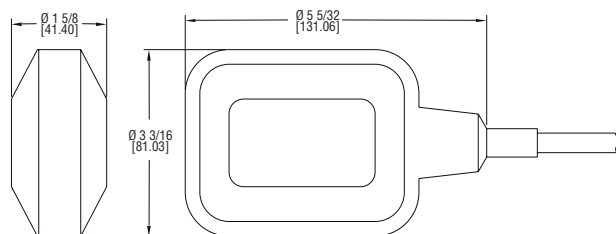




## Series CFS Cable Float Switch

### Installation and Operating Instructions



**Control the level** of liquids in filling or draining reservoirs and tanks with the Series CFS. The mercury-free switch is designed with an inverter microswitch housed in a polypropylene cover. The unit includes a counterweight to adjust the stop and start levels of pump up/pump down application.

#### INSTALLATION INSTRUCTIONS

The installation is very easy by holding the cable with a small clamp in the reservoir or container. By fixing the counterweight to the cable, at a closer or farther from position float, the desired differential between the highest and lowest level can be freely adjusted. Several differentials between levels, against counterweight-to-float distance are given:

#### Installation of Counterweight:

a. Insert the cable in the counterweight, from the conical part and rotate it, thus causing the plastic ring inserted in the opening to become detached (if necessary this

Counterweight-to-float distance (mm)	100	200	300	400	500
Approx. differential between highest and lowest level (mm)	290	390	500	630	730

operation can be facilitated with the use of a screwdriver). The ring should then be positioned in the point where it is desired to block the counterweight.

b. Force the counterweight on the ring by rotating it, using a slight pressure.

c. If the counterweight position is to be changed, the counterweight should be retracted, the ring position changed and secured once again.

#### SPECIFICATIONS

**Service:** Compatible liquids.

**Wetted Materials:** Polypropylene housing, 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:** CFS-2: 1.416 (.62 kg).

CFS-10: 3.316 (1.48 kg).

**Agency Approvals:** CE.

#### WIRING DIAGRAM

