

Switch-Tek™ Vertical Buoyancy Level Switch

Application

The general purpose buoyancy level switch is a perfect choice for relatively clean water and chemical solutions with non-coating and/or scaling characteristics. Media examples include acetic acid and process water. The baffle body eliminates switch chatter caused by turbulence. The dry contact closure provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. The sensor mounts vertically inside the tank on our Smart Trak or Switch-Pak fittings.

Features

Baffle body and dynamically stabilized float eliminate turbulence switch chatter
PP or PVDF sensor and cable rated NEMA 6 or IP68

15 VA dry contact with selectable NO or NC state via wire selection
Compatible with Flowline controller, alarm and fitting accessories

Tech Tip

For reliable service in highly corrosive media, select the PVDF material option. The rugged sensor features a PVDF body with a PFA cable. Its corrosive level made simple.

Order

LV10-□□3□□1

Sensor material (1)
1 PP
5 PVDF
Process mount
0 3/4" NPT (US)
5 3/4" Rp (Metric)

Ordering Notes

1) To special order a 25' (7.6m) or 50' (15.2 m) sensor cable, place the cable length at the end of the part number (ie: LV10-1301-25').



Specifications

Orientation: ± 20° vertical
Repeatability: ± 1 mm in water
Contact type: (1) SPDT relay
Contact rating: 15 VA
Process temp: F: -40° to 176°
C: -40° to 80°
Pressure: 25 psi (2 bar)
Cable length: 10' (3m)
Sensor rating: NEMA 6 (IP68)
Process mount: 3/4" NPT (3/4" Rp)
Sensor material PP / PVDF
Classification: General purpose



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