

## Mini-Float Level Switch

### Specifications

Orientation:	LV20: $\pm 20^\circ$ vertical LH2.: $\pm 20^\circ$ horizontal
Accuracy:	$\pm 5$ mm in water
Repeatability:	$\pm 2$ mm in water
Specific gravity:	0.8 minimum
Contact type:	(1) SPST reed
Contact rating:	120 VAC/VDC @ 15 VA (CE: 30 Vrms and 42.2 Vpeak or 60 VDC)
Contact output:	Selectable NO/NC
Process temp.:	F: $-40^\circ$ to $194^\circ$ C: $-40^\circ$ to $90^\circ$
Pressure:	10 psi (0.7 bar) @ $25^\circ$ C., derated @ 1.667 psi (.113 bar) per $^\circ$ C. above $25^\circ$ C.
Sensor material:	LV20-12_1: PP LV20-52_1: PVDF LH2_-1201: PP
Wire type:	2-conductor, #22 AWG
Wire length:	Standard: 2' (60 cm) Special order: 25' (7.6m) or 50' (15.2m)
Wire jacket mat.:	LV20-12_1: PVC LV20-52_1: TFE LH2_-1201: Polymeric
Process mount:	LV20: 1/8" NPT LH21: 1/2" NPT LH22: Compression
Mount. gasket:	Viton® (LH22 only)
Classification:	General purpose
CE compliance:	EN 50082-2 immunity EN 55011 emission EN 61010-1 safety



### Description

The general purpose mini-float level switches are a great choice for less critical applications with clean water and/or chemical solutions. Media examples include water and acetic acid. The dry contact closure provides a reliable switch interface with remote devices such as a PLC, SCADA or alarm. See the LV20 and LH20 sensor application matrices on page 95 for more details.

### Switch-Tek

### Ordering

#### Mini-Vertical

Sensor material (1)

1 PP

5 PVDF

Process mount

0 1/8" NPT (US)

5 1/8" Rp (Metric)

LV20- 2 1

#### Ordering Notes

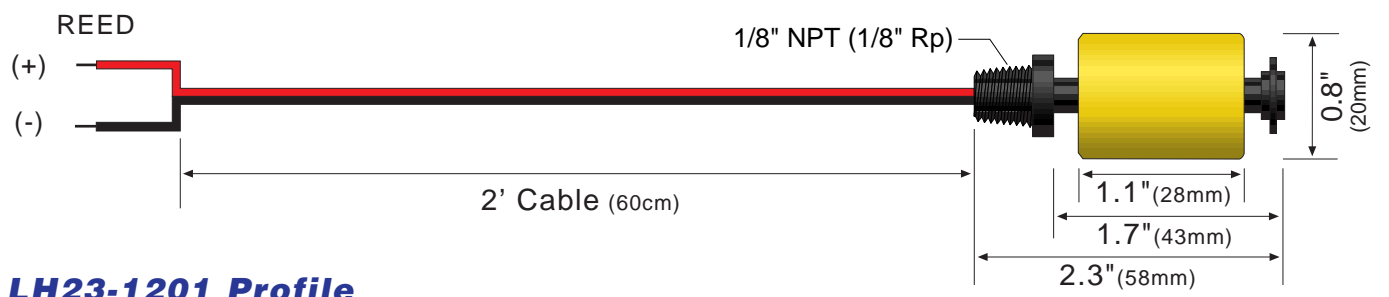
- 1) To special order a 25' (7.6m) or 50' (15.2 m) sensor cable, place the cable length at the end of the part number (ie: LV20-1201-25').

#### Mini-Horizontal

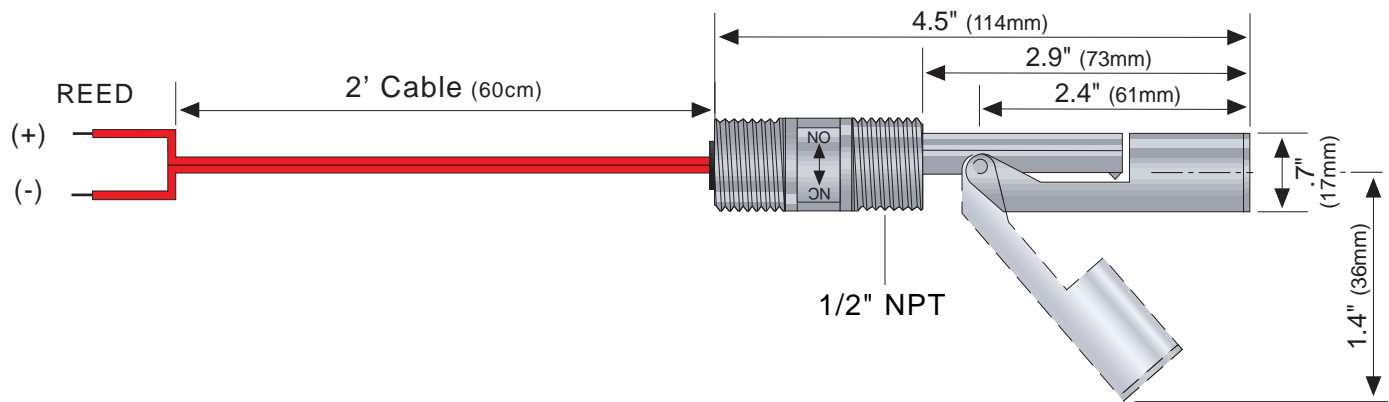
LH23 - 1201

# Switch-Tek™ Mini-Float Level Switch

## LV20-201 Profile

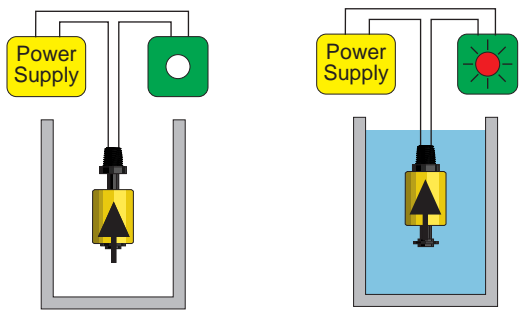


## LH23-1201 Profile

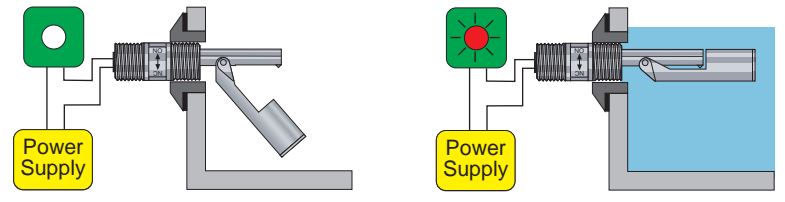


Specifications are subject to change without notice.

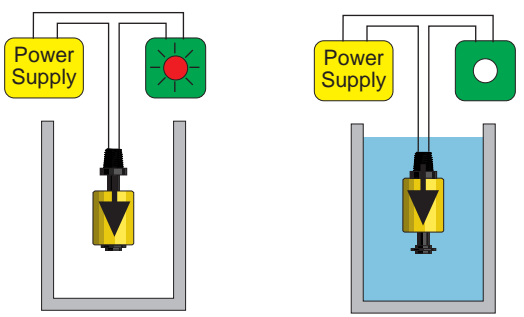
### LV10-3\_1 - NO Wiring



### LV10-2\_1 - NO Wiring



### LV10-3\_1 - NC Wiring



### LV10-2\_1 - NC Wiring

