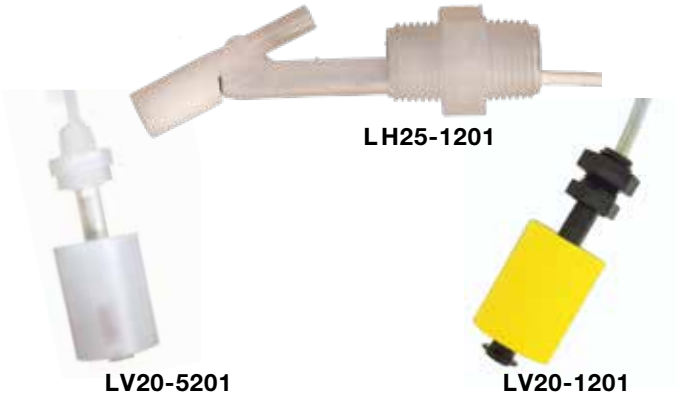
Switch-Tek™ LV20 & LH25

Mini-Float Liquid Level Switch

FLOWLINE™ LEVEL BEST

Application

Offered in vertical and horizontal configurations, the general purpose mini-float level switches provide reliable liquid level detection of clean water and chemical solutions with a 50VA or 30VA reed switch output. Media examples include water and sulfuric acid. The polypropylene or PVDF liquid level sensors are mounted vertically inside the tank or horizontally through the tank wall as a high level alarm or low level alarm.



LH25-1201

LV20-5201

LV20-1201

Features

- Simple low-cost level switch solution for basic applications
- Offered in both vertical and horizontal mounting configurations
- Dry contact reed switch selectable NO or NC via float orientation
- Small PP or PVDF sensor body with PVC, TFE or polymeric cable

Key Benefits

- Simple Level Switch for clean and water like applications
- Switches can wire directly to a PLC/SCADA or controller
- Switches can be converted in the field from NO to NC.

Compatible Products



LC4X

SWITCH-PRO™

Remote Level Controller

The general purpose remote level controller is offered in three configurations for pump and valve control. The LC40 accepts one level sensor input and provides one 10A relay. The LC41 accepts two level sensor inputs and provides one latching 10A relay for automatic fill or empty control. The LC42 accepts three level sensor inputs with one latching 10A relay output for automatic fill or empty control, and a second non-latching 10A relay for high or low level alarm. For field mount installation, add a single or dual indicator NEMA box.



LC1X

SWITCH-PRO™

Compact Level Controller

The general purpose compact level controller is offered in two configurations for pump and valve control. The LC10 accepts one level sensor input and provides one 16A relay for high level control or low level control. The LC11 accepts two level sensor inputs and provides one latching 16A relay for automatic fill or empty control. The optional flash alarm brings attention to alarm conditions. Package this level controller with our liquid level switch sensors and fittings.

Switch-Tek™ LV20 & LH25

Mni-Float Liquid Level Switch

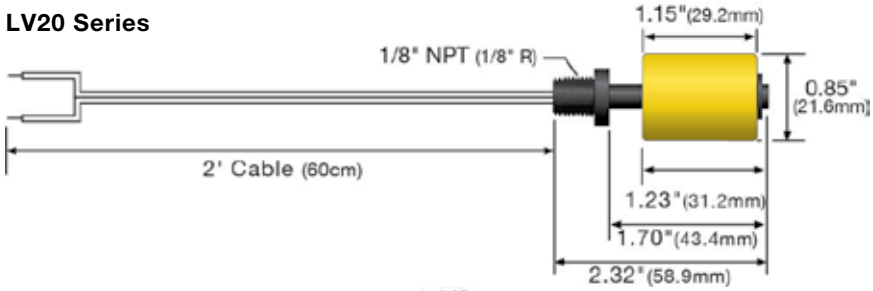
FLOWLINE™ LEVEL BEST

Specifications

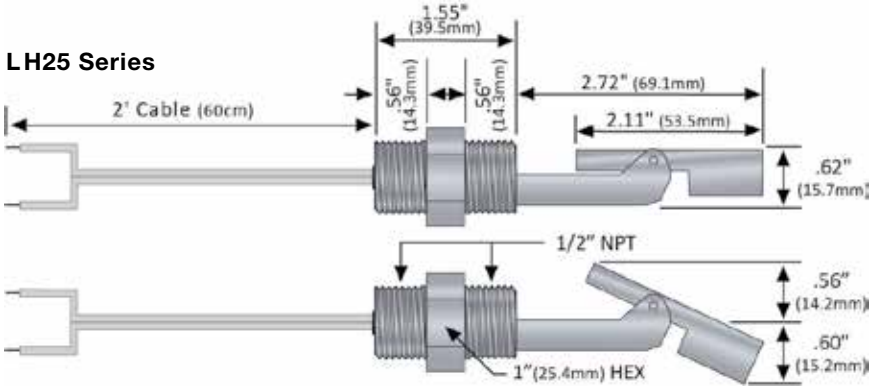
Orientation:	LV20:	± 20° vertical
	LH25:	± 20° vertical
Accuracy:	± 5mm in water	
Repeatability:	± 2mm in water	
Specific gravity:	LV20:	0.8 minimum
	LH25:	06 minimum
Contact type:	(1) SPST reed	
Contact rating:	LV20:	120VAC/VDC @50 VA
	LH25:	120VAC/VDC @50 VA
Contact output:	Selectable NO / NC	
Process temp.:	LV20:	F: -40° to 176°
		C: -40° to 80°
	LH25:	F: -40° to 221°
		C: -40° to 105°
Pressure range:	LV20:	10 psi (0.7 bar)
	LH25:	100 psi (6.9 bar)
Sensor rating:	NEMA 6 (IP68)	
Sensor material:	LV20-12_1:	PP
	LV20-52_1:	PVDF
	LH25-1201:	PP
	LH25-5201:	PVDF
Wire jacket mat.:	LV20-12_1:	PVC
	LV20-52_1:	TFE
	LH25-1201:	Polymeric
	LH25-5201:	TFE
Wire type:	2-conductor, 22-gauge	
Wire length:	2' (61cm)	
Process mount:	LV20:	1/8" NPT (1/8" R)
	LH25:	1/2" NPT
Classification:	General purpose	
Compliance:	CE	

Dimensions

LV20 Series



LH25 Series



Ordering

LV20 - ☐ 2 ☐ 1

SENSOR MATERIAL (1)
- **1** PP
- **5** PVDF

PROCESS MOUNT
- **0** NPT (US)
- **5** R (Metric)

LH25 - ☐ 2 0 1

SENSOR MATERIAL (2)
- **1** PP
- **5** PVDF

NOTES

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

2) To special order a 25' (7.6m) level sensor cable, place the cable length at the end of the part number (ie: LH25-1201-25'). Contact factory for pricing special lengths.

© 2026 Flowline | 10500 Humbolt Street, Los Alamitos, CA 90720 USA **p** 562.598.3015 **f** 562.431.8507 **w** flowline.com