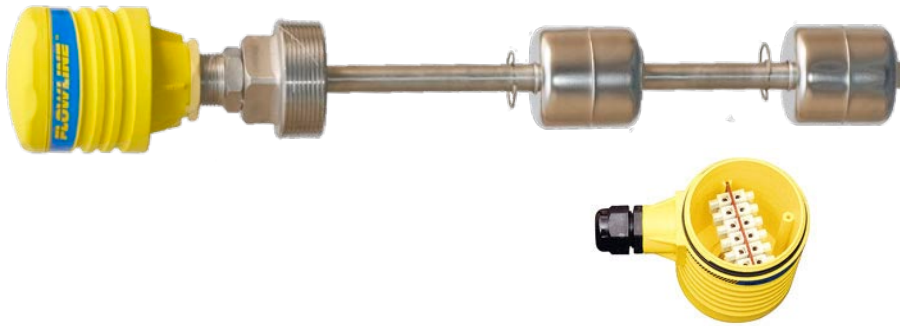


## Application



The general purpose level float switch package provides reliable, multi-point liquid level detection of relatively clean liquids such as water, diluted chemicals and light weight oils up to 8' (2.44m) with 1-5 reed switch outputs and a compact junction box for integral wiring termination. The stainless steel level float switch is selected for high temperature or pressure process tank level applications.



## Features

- ✓ Multi-point float level switch package for high temp and pressure
- ✓ 60VA VA dry contacts selectable NO or NC via float orientation
- ✓ Rugged 316 stainless steel float, guide and process mounting plug
- ✓ Polypropylene enclosure rated NEMA 4X with swivel base for conduit alignment
- ✓ Assembled to your guide length and switch set point dimensions

## Key Benefits

- ✓ Mounts on the top of tank or sump
- ✓ Select from 1 to 5 switch points
- ✓ Each switch point connects directly to PLC/SCADA
- ✓ Ideal for high temperature, vapor and pressure applications

## Compatible Products

### Switch-Pro™ Remote Level Controller



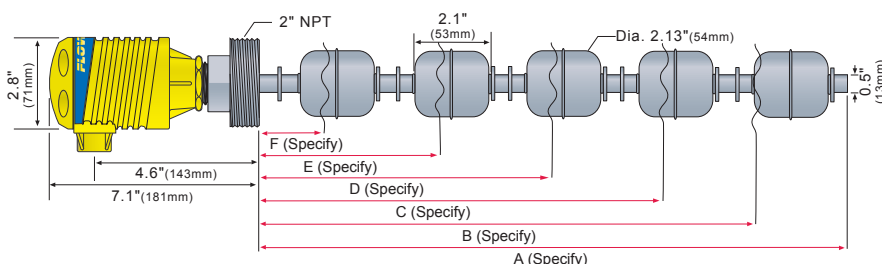
## Application

Available in general purpose classification, the 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 level alarm or low level alarm. For field mount installation, add a single or dual indicator NEMA box.

## Specifications

Length:	3" to 8' (7.6cm to 2.4m)
Accuracy:	± 3mm in water
Repeatability:	± 1 mm in water
Specific gravity:	0.55 minimum
Orientation:	± 30° vertical
Switch points:	1-5 (factory set)
Contact type:	SPST reed(s)
Contact rating:	240 VAC / VDC @ 60 VA
Contact output:	Normally open
Process temp.:	F: -40° to 392° C: -40° to 200°
Ambient temp.:	F: -40° to 140° C: -40° to 60°
Installed height:	5.2" (13.2 cm)
Pressure:	200 psi (13.8 bar)
Enclosure rating:	NEMA 4X (IP65)
Enclosure mat.:	PP, UL94VO
Terminal strip:	12-pole, socket
Wire type:	3-12 wire, #18 AWG
Conduit entrance:	1/2" NPT
Wetted material:	316 SS
Process mount:	2" NPT
Classification:	General purpose
Compliance:	CE, RoHS
Approvals:	UL

## Dimensions



## Fittings

For optimum performance, install the level sensor using the below recommended or direct equivalent fittings.

	P/N	Description
	LM52-2400	3" NPT x 2" NPT (Sch. 40)
	LM52-2800	3" NPT x 2" NPT (Sch. 80)
	LM52-3800	4" NPT x 2" NPT (Sch. 80)
	LM52-2410	3" Socket x 2" NPT (Sch. 40)
	LM52-3410	4" Socket x 2" NPT (Sch. 40)
	LM52-2810	3" Socket x 2" NPT (Sch. 80)
	LM52-3810	4" Socket x 2" NPT (Sch. 80)
	LM52-2890	2" NPT Bulkhead Fitting, PVC
	LM52-2850	2" NPT Flange - 150# (Sch. 80)
	LM50-1001	2" NPT Bracket, Polypropylene

## Ordering

AV  6-5243------

### Number of floats

- 1 One float
- 2 Two floats
- 3 Three floats
- 4 Four floats
- 5 Five floats

### Dimensions (1) (2)

- A Specify
- B Specify
- C Specify (if applicable)
- D Specify (if applicable)
- E Specify (if applicable)
- F Specify (if applicable)

## Notes

- Specify the applicable A, B, C, D, E dimensions at the end of the part number (ie: AV26-S243-70"-68"-10").
- The dimensions may be specified in 1/2" (1.3 cm) increments. The guide length or A-dimension may be specified from 4" to 96" (10cm to 2.4m). The float or B, C, D, E dimensions may be specified from 1.5" to 94.5" (3.8cm to 2.40m) with a minimum distance of 2.5" (6.3cm) between each dimension. To calculate the guide length adder, round up the A-dimension to the next inch (2.5cm), multiply it by \$10 per inch (2.5cm), and add that sum to the price.

Orders for this custom built product are non-cancellable and/or non-returnable