

## FloaTek™ Two-Wire Float Level Transmitter

### Application

Offered in FM and CSA approved explosion proof or general purpose configurations, the two-wire float transmitter provides contact level measurement up to 6' or 1.8m, and is ideally suited for relatively clean water, light oil or diluted corrosive liquids. The transmitter is typically selected for high temperature and/or pressure process tank applications located within a classified hazardous or general purpose area. Media examples include hot water and cooking oil.

### Features

- Explosion proof transmitter for use in hazardous environments
- Rugged 316 stainless steel float, guide and 2" NPT mounting plug
- Compatible with Flowline remote indicator and relay controllers
- Custom assembled to your guide length and span dimensions



LV50-S001  
Shown

LV51-S001  
Shown

### Specifications

Range:	5" to 6' (12.7cm to 1.8m)
Accuracy:	± 0.25% over span in water
Specific gravity:	0.75 minimum
Supply voltage:	LV50: 10 to 30 VDC LV51: 10 to 40 VDC
Signal output:	4-20 mA, two-wire
Calibration:	None, fixed span
Process temp.:	F: -5° to 125° C: -20° to 50°
Pressure:	300 psi (20 bar)
Conduit:	1/2" NPT
Enclosure rating:	NEMA 4X (IP65) / NEMA 7
Process mount:	2" NPT
Guide/float mat:	316 ss
Classification:	LV50: General purpose LV51: Explosion proof

### Tech Tip

Perfect for high temperature and pressure applications, the LV51-S001 explosion proof transmitter is provided with a rugged cast aluminum enclosure rated NEMA 7. Its hazardous level made simple.

- LV5 (0 or 1) - S001- A - B - C
- Specify the A, B, and C dimensions at the end of the part numbers.

LV5  - S001 -  -  -

**Approval / classification**

- 0 UL, CSA / GP
- 1 FM / XP

**Dimensions (1) (2) (3)**

- A Specify
- B Specify
- C Specify

**Ordering Notes**

- 1) Specify the A, B, and C dimensions at the end of the part number. The dimensions may be specified in 1/2" (1.3 cm) increments.
- 2) The guide length or A-dimension may be specified from 12" to 72" (30 cm to 1.8m). The maximum offset or C-dimension may be specified no greater than the A-dimension minus 3.47" (8.9 cm). The minimum span or B-dimension may be specified no less than 0.25" (0.64 cm).
- 3) To calculate the guide adder, round up the A-dimension to the next inch (2.5 cm).

203 Vest Avenue  
Valley Park, MD 63088

Toll Free: (888) SPECTECH  
Phone: (636) 537-0202

Fax: (636) 537-1405  
E-Mail: [sales@spectechind.com](mailto:sales@spectechind.com)