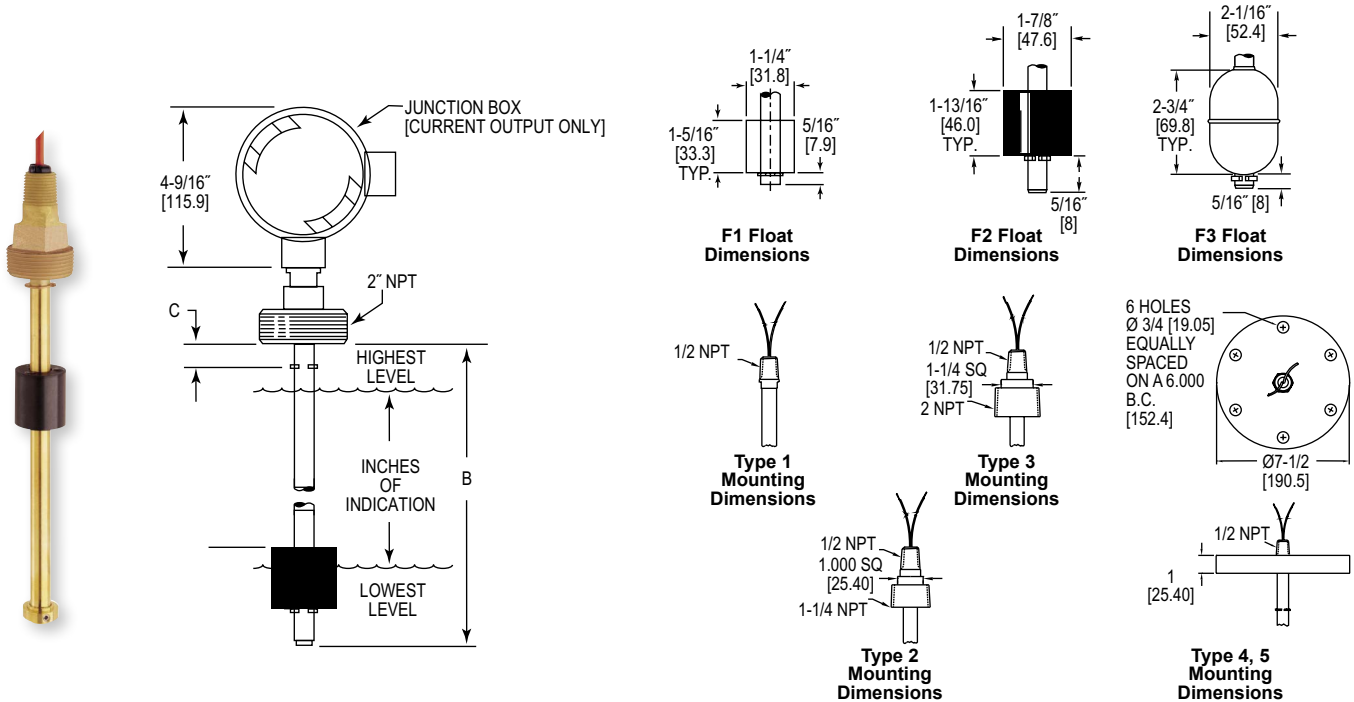


# CONTINUOUS LEVEL TRANSMITTER

Customize To Fit Application, 316 SS or Buna-N Floats



The **SERIES CLT** Continuous Level Transmitter provides up to the minute tank level monitoring with a customized level transmitter. Transmitters can be configured for 4 to 20 mA or proportional voltage output, 316 SS or Buna-N stem and floats, and lengths up to 72" (183 cm).

**FEATURES/BENEFITS**

- Customized stem length, actuation point, distance between floats, and lead wire lengths
- 4 to 20 mA or proportional voltage output outputs continuous level indication

**APPLICATIONS**

- General purpose level monitoring
- Low specific gravity applications
- Gas and oil

**SPECIFICATIONS**

**Service:** Compatible liquids.  
**Resolution:** 1/4" (6.35 mm).  
**Temperature Limits:** Buna-N floats: 180°F (82°C) in water, -40 to 230°F (-40 to 110°C) in oil; SS floats: -40 to 230°F (-40 to 110°C).  
**Pressure Limits:** Buna-N floats: 150 psig (10 bar); SS floats: 300 psig (21 bar).  
**Power Requirements:** Proportional voltage output models: 10 to 30 VDC; 4 to 20 mA output models: 10 to 40 VDC.  
**Loop Resistance:** 1.4k Ω max.  
**Electrical Connections:** Proportional voltage output: 24" (61 cm) free leads #22 AWG, TFE jacketed; 4 to 20 mA output: Junction box.  
**Enclosure Rating:** 4 to 20 mA models, NEMA 4 (IP56) junction box.  
**Mounting Orientation:** Vertical ±20°.

MODEL CHART									
Example	CLT	-V	S	5	F3	-20.25	-02.00	-25.75	CLT-VS5F3-20.25-02.00-25.75
Construction	CLT								Continuous level transmitter
Output		V	C						Voltage, proportional signal of 0 to supply voltage 4 to 20 mA (junction box provided)
Stem & Connection Material				B					Brass with beryllium copper stops 316 SS with SS ARMCO PH-15-7MO stops
Connection Type				1					1/2" NPT (output type V only) 1-1/4" NPT (float F1 only) 2" NPT 3" 150# flange, carbon steel (connection material S only) [max. pres. 150 psi (10.3 bar)] 3" 150# flange, 316 SS (connection material S only) [max. pres. 150 psi (10.3 bar)]
Float Type					F1				<b>Material</b> Buna-N Buna-N 316SS <b>Min. s.g.</b> 0.55 0.55 0.75 <b>Max. Pressure</b> 150 psi (10.3 bar) 150 psi (10.3 bar) 300 psi (20.7 bar) <b>Float Factor</b> 2.0" (50.8 mm) 2.5" (63.5 mm) 3.5" (52.4 mm)
Indication Length						00.00			Length that the unit sends an output for level, maximum is 68" (173 cm)
Top Float Stop "C" Dimension Overall							00.00		Distance from bottom of mounting connection to upper float stop, minimum is 1/4" (6.4 mm)
Length "B"								00.00	To calculate overall length, add indication length, top float, stop dimension "C", and float factor, maximum length is 72" (1.82 m)

Note: Models are built to your specifications