

# LevelSite®

Alloy to 1000 psig

Model LSSM

Model LTBM

Model LTSM

Model LSBM



- ✦ **Safe, Accident-Proof Design**
- ✦ **Rugged, Welded Stainless Steel Construction**
- ✦ **Maintenance-Free - No Need to be Removed from Service for Cleaning**

**O**ur Alloy LevelSite® provides a reliable, accident-proof solution to your unique level measuring problems. Featuring rugged, welded stainless steel construction, the process media is completely isolated from the instrumentation and rotating flags, eliminating the danger of leaks or spills. Units are virtually maintenance free, and unlike traditional sight glasses do not need to be removed from service for cleaning. Large, easy to read flags can be viewed from over 100 feet away. Alloy LevelSite® is suitable for use with oil, water, aggressive liquids in oil refineries, chemical process plants, power plants, packaged boilers and a wide variety of other industrial applications.

# LevelSite®

## Level Measurement Problems

Need More Than A Sight Glass or Gauge?

Barksdale LevelSite® is a simple and reliable alternative to sight glasses and gauges. Our LevelSite® won't leak, since there is no glass to break and the liquid media never touches the flag assembly. Barksdale LevelSite® provides an environmentally safe alternative to sight glasses and gauges.

We offer a "no power required" magnetic level indicating system. Our ring magnet provides a 360 degree magnetic field which allows accessories to be placed anywhere on the LevelSite® body. Our large, two color flag assembly can be positioned anywhere on the housing, so level can be viewed from almost any angle from as far away as 100 feet.

Harsh environments are no problem with a Barksdale LevelSite®. We offer many housing and float material options. Let us work with you to find the right one for your application.

### Need Something Special?

If you have special product requirements, we can help. Barksdale has design engineers and technical specialists who are experts in solving level measurement problems. Our technology and resources are at your disposal.

Our reputation has been built on creating products for customers committed to getting exactly what they need. Barksdale has helped find



answers to some very unique situations: We built our LevelSite® to respond to extreme climate conditions!

### LevelSite® is ideal for use in:

- Lube oil console systems
- Hot water/condensate steam systems
- Industrial refrigeration
- Storage tanks
- Solvent recovery systems
- Marine applications
- Industrial refrigeration
- Scrubbers
- Semi-conductor industry

### Need More Information?

Call us. We're just a phone call away.  
Toll Free: 1-800-835-1060.

# LevelSite®

Alloy to 1,000 psig

**Ranges**

- Temperature: To 300°F (150°C)
- Pressure: Vacuum to 1,000 psig (67 bar) at 100°F (38°C)
- Test pressure: 1.5 times maximum flange pressure @ 72°F (22°C)

**Accessories**

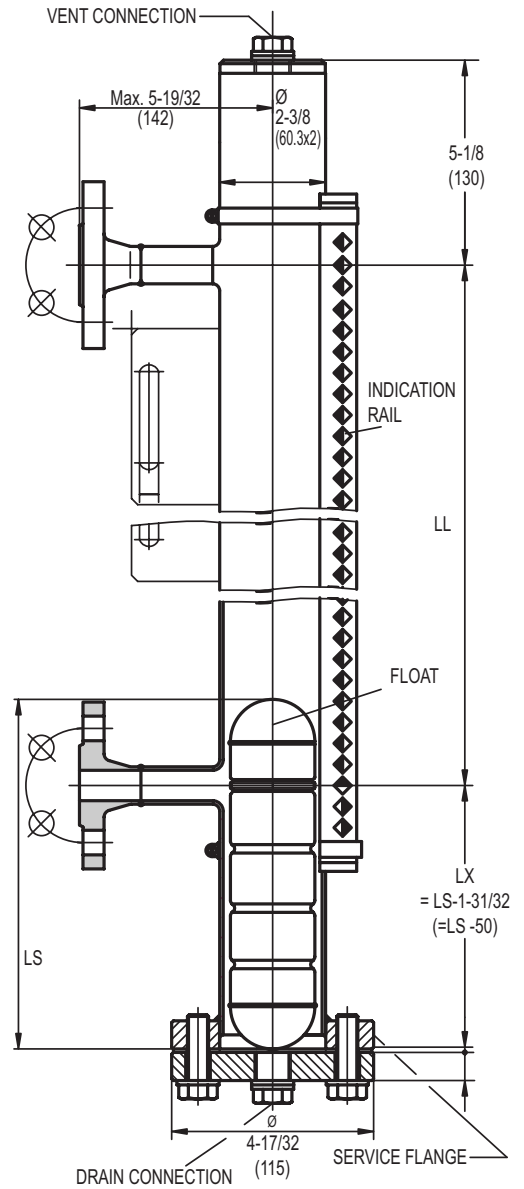
- Limit switches
- Measuring scale
- Remote continuous tank level indicating system
- Aluminum rotating flag assembly
- Frost shield for media temperature < 32°F (0°C)

**Physical**

Maximum Length - 20 feet - continuous  
 - 65 feet - multiple

**Specifications**

	ANSI Class Ratings	
	150	300
Float Housing Diameter	2-3/8" (60mm)	
Wall Thickness	1/32" (2 mm)	
Float Housing Material	316 Stainless Steel, Electropolished	
Process Connection Size	1/2", 3/4", 1", 1-1/2", 2" NPT or Flanges	
Operating Pressure	275 psig	720 psig
Max. @ 100°F (38°C)	(19 bar)	(50 bar)
Test Pressure	1.5 x Flange Pressure Rating @ 72°F (22°C)	
Operating Temperature Max.	300°F (150°C) Maximum	
Rotating Flag Assembly	Polycarbonate: 250°F (121°C), Optional: Aluminum to 600°F (316°C)	
Flag Colors	White/Red	
Float	Cylindrical	
Float Size	2-5/64" (58.67 mm) Diameter X 7-7/8 (200.2 mm) Length	
Float Material	316 Stainless Steel; Optional: Titanium	
Min. Specific Gravity of Liquid	0.60	
Vent & Drain Plugs	1/2" NPT (Standard)	
Mounting Brackets	Every 3 feet (Standard)	

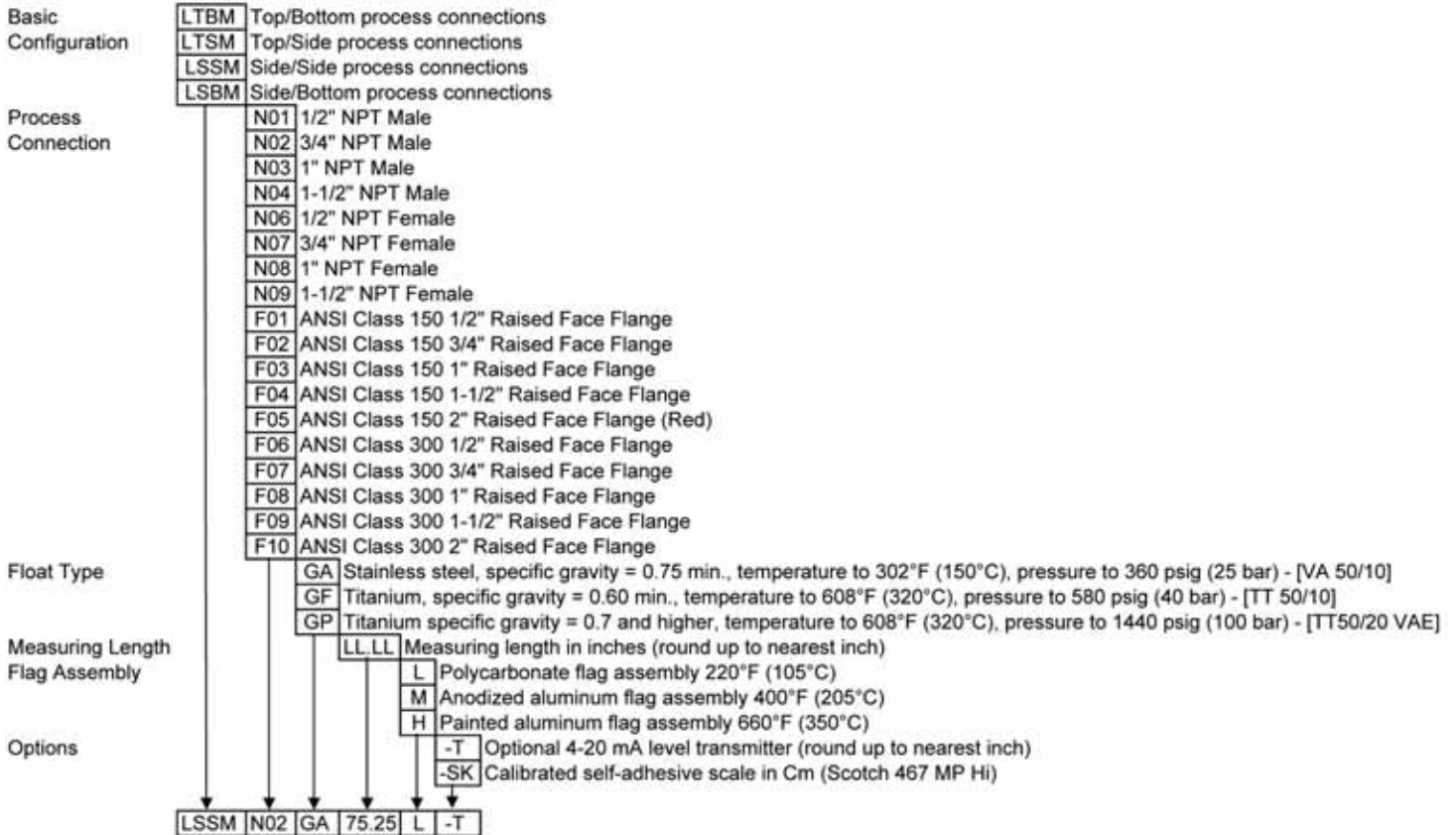


TYPICAL OUTLINE DRAWING

# LevelSite® Configurator

Alloy to 1000 psig

Models LSSM, LTBM, LTSM, LSBM



SAMPLE: LSSMN02GA75.25L-T

**Barksdale**  
CONTROL PRODUCTS

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