

## Features

- ▶ Safe, accident-proof design
- ▶ Rugged, welded stainless steel construction
- ▶ Maintenance-free - no need to be removed from service for cleaning

## Applications

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



## General Specifications\*

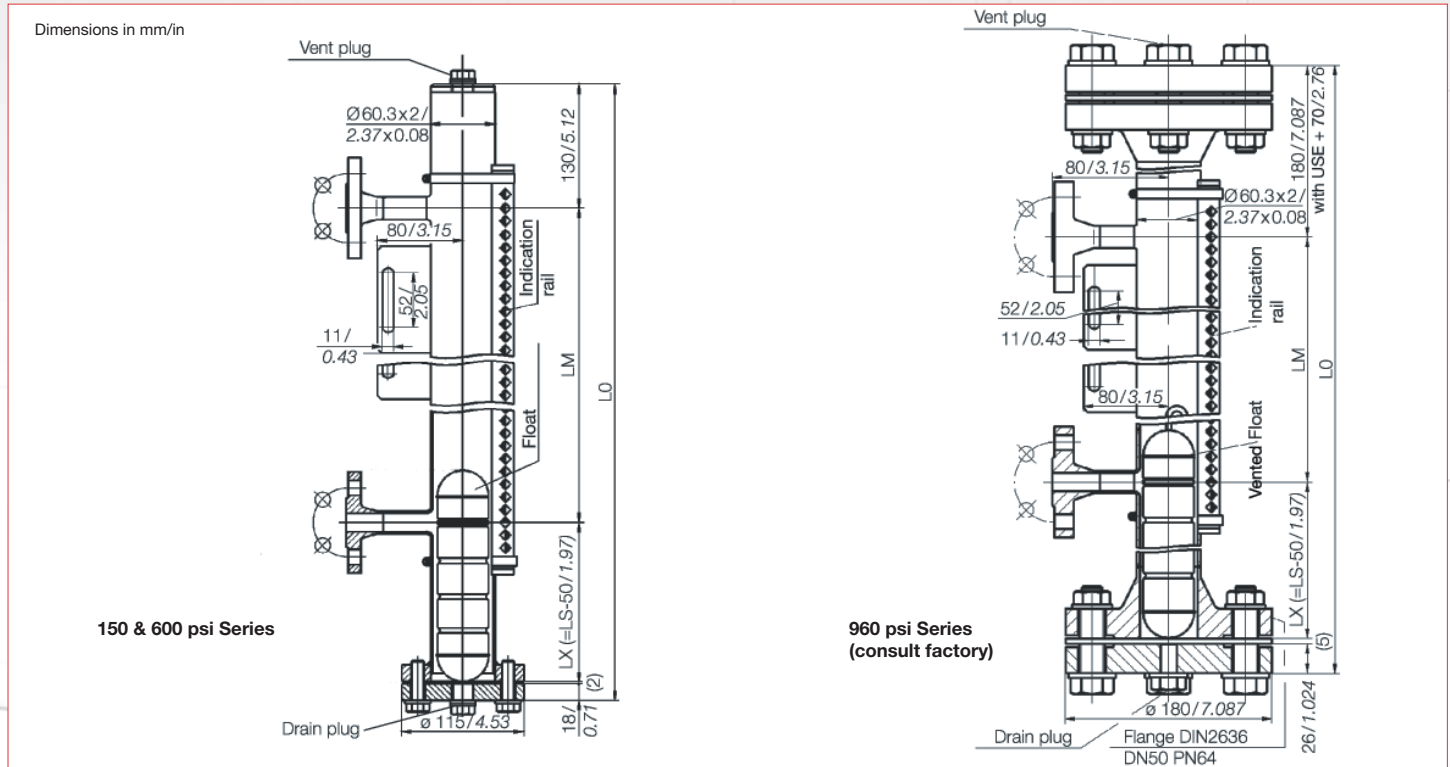
<b>Ranges:</b> Temperature:	To 302°F (150°C)
Pressure:	Vacuum to 1,000 psig (68 bar) at 100°F (38°C)
Proof Pressure:	1.5 times maximum flange pressure @ 72°F (22°C)
<b>Accessories:</b>	- Limit switches - Measuring scale - Remote continuous tank level indicating system - Aluminum rotating flag assembly
<b>Maximum Length:</b>	- 20 feet - continuous (6,000 mm) - 65 feet - multiple (19,800 mm)
<b>Inner Housing Diameter:</b>	2-3/8" (60 mm)
<b>Wall Thickness:</b>	5/64" (2 mm)
<b>Float Housing Material:</b>	316 stainless steel or titanium <sup>1</sup>

<b>Process Connection Size:</b>	See configurator		
<b>Operating Pressure Max. @ 100°F (38°C):</b>	150 psig (10 bar)	600 psig (40 bar)	960 psig (64 bar)
<b>Operating Temperature Max.:</b>	302°F (150°C) maximum		
<b>Rotating Flag Assembly:</b>	Polycarbonate: 302°F (150°C), Optional: painted aluminum to 600°F (316°C)		
<b>Flag Colors:</b>	White/Red		
<b>Float Size:</b>	2-5/64" (58.67 mm) diameter x 7-7/8 (200.2 mm) length		
<b>Float Material:</b>	316 stainless steel		
<b>Min. Specific Gravity of Liquid:</b>	0.65 stainless steel 0.65 Titanium		
<b>Vent &amp; Drain Plugs:</b>	1/2" NPT (standard)		
<b>Mounting Brackets:</b>	Every 3 feet (standard)		

\* See product configurator for additional options.

<sup>1</sup> Titanium float recommended for temperature greater than 302°F.

Technical Drawing



Order Number Key / Options

Example	600	LSSM	N02	GA	75.25	L	-T
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System Pressure

150 psi	BNA-S3X
600 psi	BNA-S4X
960 psi	BNA-S5X

Process Connection

N01	1/2" NPT male
N02	3/4" NPT male
N03	1" NPT male (for LMSSM models only)
N04	1-1/2" NPT Male
N06	1/2" NPT Female
N07	3/4" NPT Female
N08	1" NPT Female
N09	1-1/2" NPT Female
N10	2" NPT Female
F01	ANSI Class 150 1/2" Raised Face Flange
F02	ANSI Class 150 3/4" Raised Face Flange
F03	ANSI Class 150 1" Raised Face Flange
F04	ANSI Class 150 1-1/2" Raised Face Flange
F05	ANSI Class 150 2" Raised Face Flange
F06	ANSI Class 300 1/2" Raised Face Flange
F07	ANSI Class 300 3/4" Raised Face Flange
F08	ANSI Class 300 1" Raised Face Flange
F09	ANSI Class 300 1-1/2" Raised Face Flange
F10	ANSI Class 300 2" Raised Face Flange

Base Configuration

LTBM	Top/bottom process connections
LTSM	Top/side process connections
LSSM	Side/side process connections
LSBM	Side/bottom process connections
LTMM	Top mount configuration

Options

-T	Optional 4-20 mA level transmitter (round up to nearest inch)
-SK	Calibrated self-adhesive scale in Cm (Scotch 467 MP Hi)

Limit switches available - separate line item

Flag Assembly

L	Polycarbonate flag assembly (302°F)
M	Anodized aluminum flag assembly (400°F)
H	Painted aluminum flag assembly (600°F)

Length

LL.LL	Measuring length in inches
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Float Type <sup>1</sup>

GA	Stainless steel (specific gravity = 0.75 min). Temp: 302°F (150°C). Pressure: 360 psi (25 bar) Can only be installed in the BNA-S3X
GF	Titanium (specific gravity = 0.60 min). Temp: 608°F (320°C). Pressure: 580 psi (40 bar)

<sup>1</sup> Special float required for pressure greater than 580 psi