

Mini LevelSite

Model LMSSM, LMTBM, LMTSM, LMSBM

Features

Easy replacement for sight glasses
 Small diameter ideal for use in tight spaces

Rugged construction for long life and maintenance

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*

Ranges: Temperature: Pressure: Proof Pressure:	Standard polycarbonate flag assembly to 302°F (150°C) Vacuum to 240 psig (16 bar) @ 100°F (38°C) 1.5 x operating pressure	Process Connection Size:	See configurator
		Operating Pressure Max.:	240 psi (16 bar)
		Operating Temperature Max.:	302°F (150°C)
Accessories:	-Limit switches -Measuring scale - Remote continuous tank level indicating system -ANSI flange fittings -ABS approval for shipboard services	Rotating Flag Assembly:	Polycarbonate 302°F (150°C)
		Flag Colors:	White/Red
		Float Size:	1.25" dia. x 5.9" (32 x 150 mm) (std)
		Float Material:	316 stainless steel (std)
Maximum Length:	- 10 feet - continuous (3000 mm) - 20 feet - maximum	Min. Specific Gravity of Liquid:	0 g/cm ³ stainless steel and titanium 0 Lg/cm ³ for BUNA
Inner Float Housing Diameter:	1-1/2" (40 mm)	Internal O-Ring:	Teflon®
Viscosity:	< 2500 cP	Vent & Drain Plugs:	1/2" NPT (standard)
¹ Float Housing Material:	316 Series stainless steel Titanium and BUNA available ¹	Mounting Brackets:	Every 3 feet (standard)

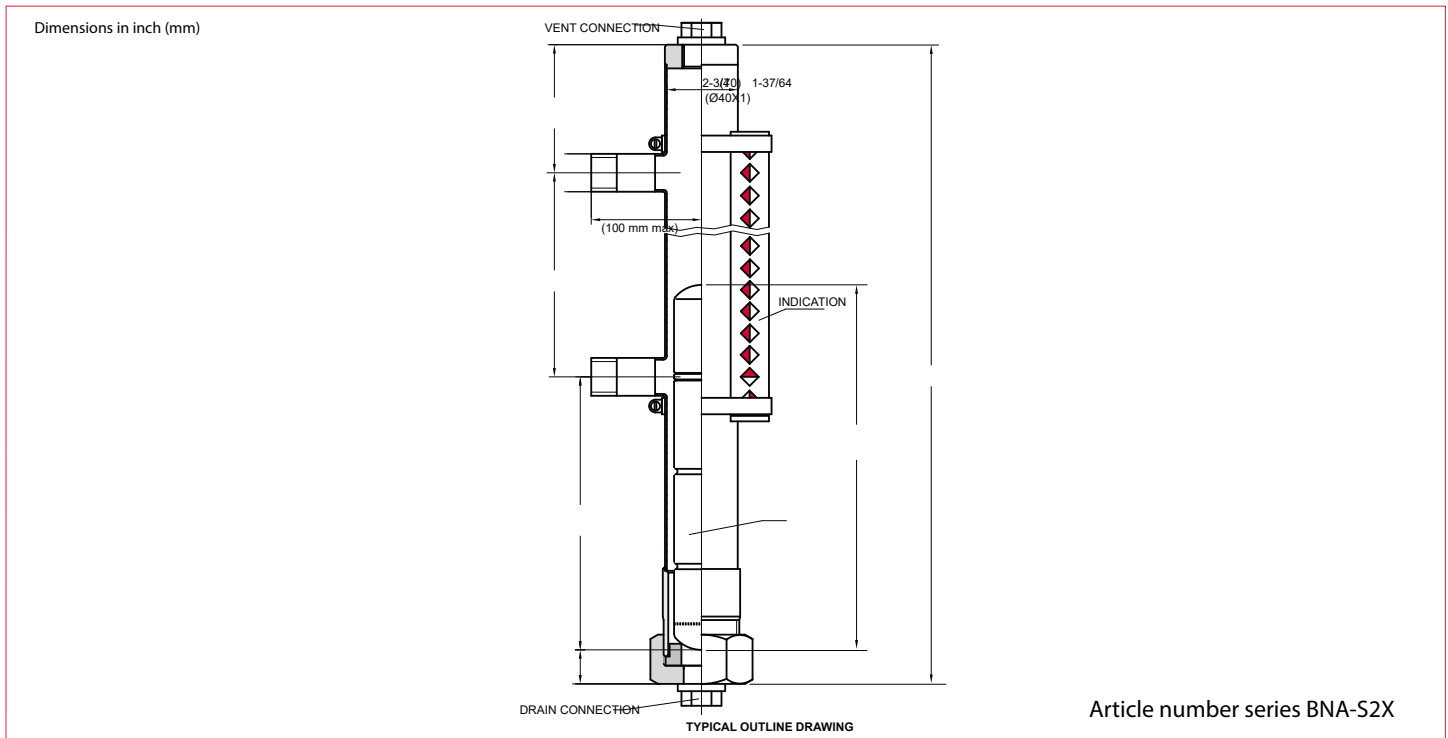
*See product configurator for additional options.

Titanium float recommended for temperatures greater than 302°F.

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Technical Drawing



Order Number Key / Options

Example	LMSSM	F01	GP	28.00	L	
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Base Configuration

LMTBM	Top/bottom process connections
LMTSM	Top/side process connections
LMSSM	Side/side process connections
LMSBM	Side/bottom process connections

Process Connection

N01	1/2" NPT male
N02	3/4" NPT male
N03	1 NPT male (for LMSSM models only)
N06	1/2" NPT female
N07	3/4" NPT female
F01	ANSI Class 150 1/2" raise face flange
F02	ANSI Class 150 3/4" raise face flange
F03	ANSI Class 1" raise face flange

Metric connections available upon request

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 (150°C)
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Float Type

GP	Stainless steel float (specific gravity = 0.85 or higher). Temp: 302°F (150°C). Pressure: 240 psi (16 bar)
GT	Titanium float (specific gravity = 0.85). Temp: 305°F (150°C). Pressure: 375 psi (25 bar)
GQ	Buna float (specific gravity = 0.65 min). Temp: 212°F (100°C). Pressure: 150 psi (10 bar)

Length

LL.LL	Measuring length in inches
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•Min. quantity may apply for select configurations.

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