

Features

- ▶ Easy replacement for sight glasses
- ▶ Small diameter ideal for use in tight spaces
- ▶ Rugged construction for long life and maintenance free use
- ▶ Customized to meet your exact specifications

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*

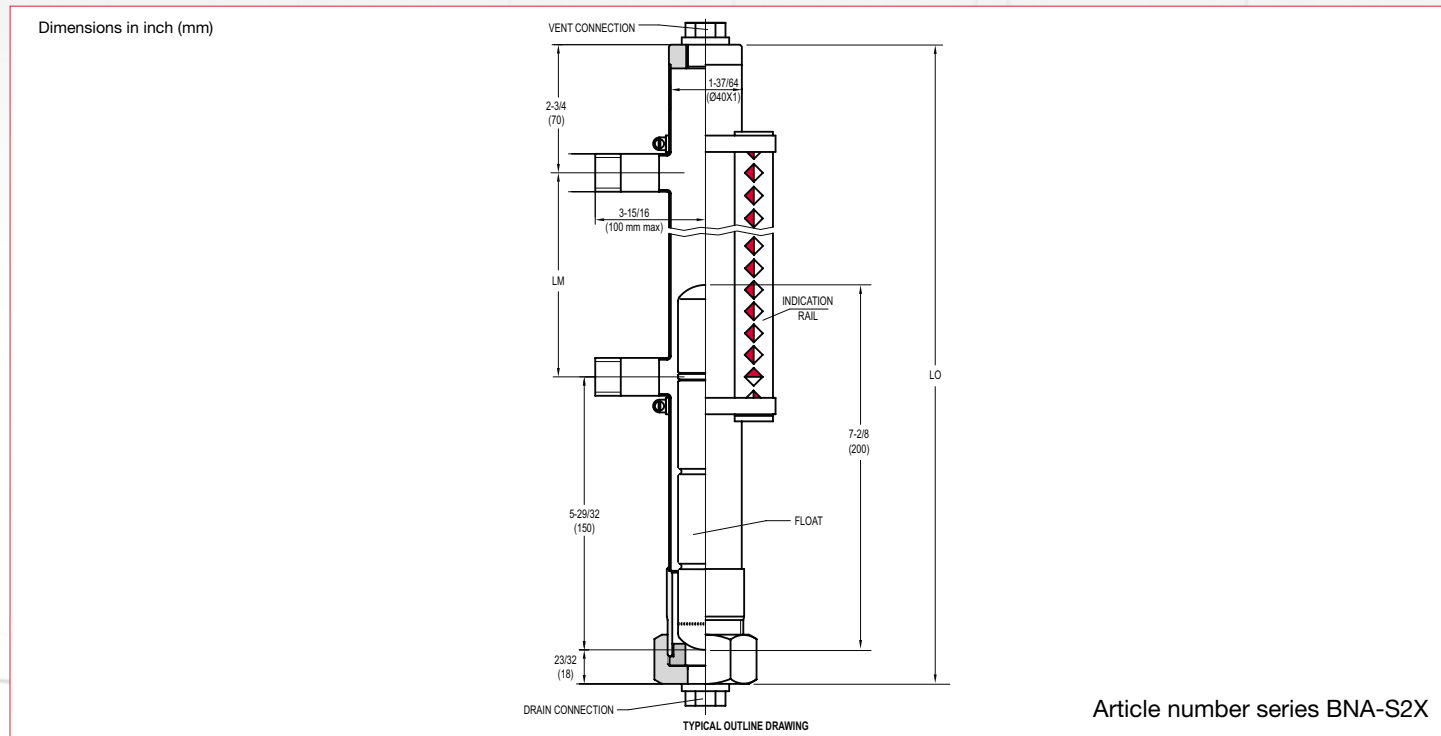
Ranges:	Standard polycarbonate flag assembly to 302°F (150°C)
Temperature:	
Pressure:	Vacuum to 240 psig (16 bar) @ 100°F (38°C)
Proof Pressure:	1.5 x operating pressure
Accessories:	<ul style="list-style-type: none"> - Limit switches - Measuring scale - Remote continuous tank level indicating system - ANSI flange fittings - ABS approval for shipboard services
Maximum Length:	<ul style="list-style-type: none"> - 10 feet - continuous (3000 mm) - 20 feet - maximum
Inner Float Housing Diameter:	1-1/2" (40 mm)
Viscosity:	< 2500 cP
Float Housing Material:	316 Series stainless steel Titanium and BUNA available ¹

Process Connection Size:	See configurator
Operating Pressure Max.:	240 psi (16 bar)
Operating Temperature Max.:	302°F (150°C)
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)
Min. Specific Gravity of Liquid:	0.85 g/cm ³ stainless steel and titanium 0.62 Lg/cm ³ for BUNA
Internal O-Ring:	Teflon®
Vent & Drain Plugs:	1/2" NPT (standard)
Mounting Brackets:	Every 3 feet (standard)

* See product configurator for additional options.

¹ Titanium float recommended for temperatures greater than 302°F.

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

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)

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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Length

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