

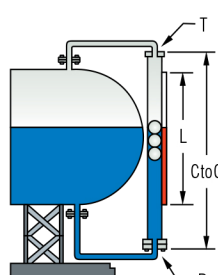
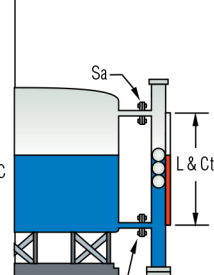
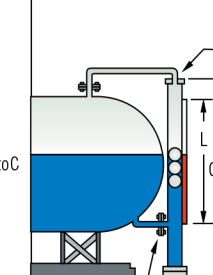
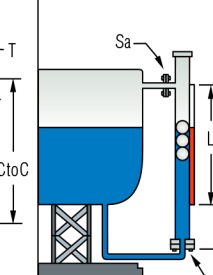
High Performance Versions – Standard Size

- ▶ Designed to meet the requirements of ASME B31.3 "normal" fluid service*
- ▶ Temperatures to 750°F (399°C)
- ▶ Pressures to 4200 PSI (290 bar)

For your most demanding applications, these SureSite® Indicators feature ANSI flanges and fittings and construction to rigorous ASME standards. You can't specify a better visual level indicator.

1. Mounting Configuration Types

To choose the best configuration for your application, focus on the process connections (connections where the liquid typically enters/leaves the SureSite).

	Type AA	Type BA	Type CA	Type DA
	Top and Bottom Process Connections	Side and Side Process Connections	Top and Side Process Connections	Side and Bottom Process Connections
				
Typical Lengths†	C to C = L + 10-1/4" (260.4 mm)	C to C = L	C to C = L + 3-3/4" (95.2 mm)	C to C = L + 6-1/2" (165.1 mm)
Flag Material	Plastic (300°F/148.9°C) or Aluminum (750°F/399°C)			
Length of Indication (Uninterrupted)	240" (610 cm)			
Minimum Specific Gravity	0.39			

† Dimensions vary due to connections, material and specific gravity.

2. Material

Select desired material from those tabulated below. Mark the Code Number on your OrderIt! Check List. The pressure/temperature performance parameters are specified in the chart at right. Consult the factory with pressure/temperature requirements that fall outside the parameters shown here. These units are manufactured in Schedule 40, 80 or 160 pipe accordingly.

= Stock Material (Best economy and delivery).

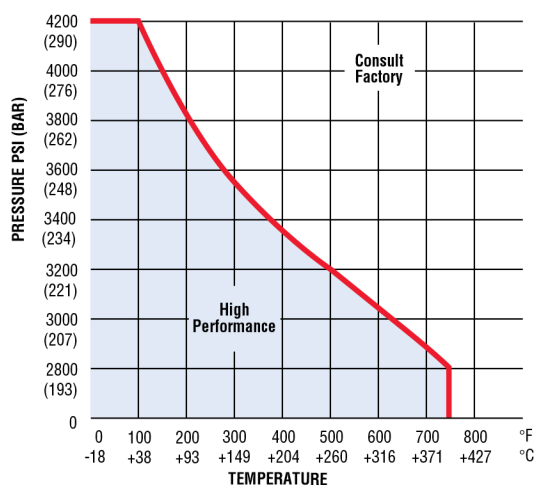
Materials		Code
Housing	Float	
316L Stainless Steel	316L Stainless Steel 600 psi –	2
316L Stainless Steel	Titanium (Ti-6Al-4V) 600 psi+	9

Note: Additional materials, floats, connections and manufacturing techniques are available to extend lengths and operational capabilities. Please contact Gems if the parameters above do not meet your requirements.

*Units requiring ASME certification must be specified at time of request.

ORDERIT!

Ordering is Easy! See Page D-12.
Easy online ordering too!



FAX IT!
860-747-4244

Photocopy This Form

Use one form for each product type you are selecting.

This is a ☐ Request for a Quote

☐ Order P.O.# _____

Quantity Needed _____

Date Required ____/____/____

Shipping Method: _____

Partials Accepted: ☐ Yes

☐ No

Name _____

Company _____

Street _____

City _____ State ____ Zip _____

Phone (____) _____

Fax (____) _____

SureSite Indicators, High Performance Versions

Process Conditions

This information is essential to the accurate and proper operation of your SureSite® Visual Level Indicators. Please complete fully and accurately.

1. **Pressure:** Operating _____ psig Maximum _____ psig

2. **Temperature:** Operating _____ °F Maximum _____ °F

3. **Liquid Media:** _____

Use this page for high performance units only.

4. **Specific Gravity @ Operating Condition:** _____

5. **Viscosity:** _____ SSU

6. **Application Location:** ☐ Indoors ☐ Outdoors

Physical Configuration

1. Mounting Configuration Types:

☐ Type AA ☐ Type BA ☐ Type CA ☐ Type DA

2. Housing and Float Material – Housing: 316L/SS

☐ Code 2 – 316L SS Float ☐ Code 9 – Titanium Float

3. Connection Codes – Complete all 4 connection code lines. Check off NPT or Flange size where appropriate.

▼ Connection Code Number Goes Here. **Connection Code Numbers and their descriptions are on Page D-11.**

Top T	NPT or Weld	Flange		
☐ 1/2" ☐ 1" ☐ 1.5"	☐ 1/2" ☐ 1" ☐ 2"	☐ 150# (RF)	☐ 600# (RF)	☐ 900# (RF)
☐ Other _____	☐ Other _____	☐ Other _____		
Side Sa	NPT or Weld	Flange		
☐ 1/2" ☐ 1" ☐ 1.5"	☐ 1/2" ☐ 1" ☐ 2"	☐ 150# (RF)	☐ 600# (RF)	☐ 900# (RF)
☐ Other _____	☐ Other _____	☐ Other _____		
Side Sb	NPT or Weld	Flange		
☐ 1/2" ☐ 1" ☐ 1.5"	☐ 1/2" ☐ 1" ☐ 2"	☐ 150# (RF)	☐ 600# (RF)	☐ 900# (RF)
☐ Other _____	☐ Other _____	☐ Other _____		
Bottom B	NPT or Weld	Flange		
☐ 1/2" ☐ 1" ☐ 1.5"	☐ 1/2" ☐ 1" ☐ 2"	☐ 150# (RF)	☐ 600# (RF)	☐ 900# (RF)
☐ Other _____	☐ Other _____	☐ Other _____		

4. **Length of Visual Indication – L:** _____ inches (240", Max.).

Connection to Connection Dimension – C to C: _____ inches.

5. Flag Type

Plastic flags available to 300°F (149°C). Specify aluminum flags for temperatures of 301°F to 750°F (149°C to 399°C).

☐ Plastic (Orange and White) ☐ Aluminum (Black and Silver)

☐ Non-Standard; Specify: _____ consult factory.

6. ☐ ASME Certification Required

Special Instructions (Materials, Connections, etc.)

Accessories (Pages D-16 to D-18)

1. Transmitters (Continuous Electrical Indication):

☐ Low Temperature – 300°F (149°C) ☐ Explosion-Proof

☐ High Temperature – 750°F (399°C)

2. J-Box/Signal Conditioners Accessories:

☐ Terminal Strip ☐ 4-20 mA Output

☐ 0-12 VDC Output ☐ 0-5 VDC Output

3. Power Supply:

☐ 115 VAC (Input) /24 VDC (Output)

☐ 230 VAC (Input) /24 VDC (Output)

4. Switch Modules (Single Point): _____ Quantity (only if required)

a. ☐ SPST ☐ SPDT ☐ DPDT 120 VAC ☐ DPDT 24 VDC

b. ☐ Standard – 300°F (149°C) ☐ Explosion Proof

☐ High Temperature – 750°F (399°C)

5. Indicating Scales:

☐ Feet and Inches ☐ Inches ☐ Metric ☐ Blank

☐ Custom Graduations; specify: _____

Please contact Gems for any configuration or special requirements not covered on this form. **800-378-1600**

Quote: \$ _____ Date Quoted: ____/____/____

Gems
Sensors & Controls