

Engineered Plastics Versions – Standard Size

- ▶ Temperatures to 280°F (139°C)
- ▶ Pressures to 150 PSI (10.3 Bar)
- ▶ Up to 20 feet (6.1 meters) of continuous visual indication

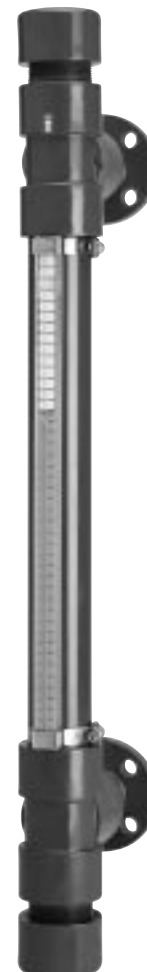
The 2" Schedule 80 pipe design is ideal for use on chemical storage tanks, or with almost any liquid where temperature and pressure requirements are moderate. All SureSite Indicators feature the same patented flag and guide assemblies used on our alloy versions, so you can be assured of excellent visibility and long-life reliability. PVC and CPVC materials are offered here, but SureSite Indicators can be manufactured from even more specialized engineered plastics when required—give GEMS a call for more information or request form #390.

ORDER IT!
Ordering is Easy! See Instructions on Page G-2.

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 AP Top and Bottom Process Connections	Type BP Side and Side Process Connections	Type CP Top and Side Process Connections	Type DP Side and Bottom Process Connections
Typical Lengths*	C to C = Overall Length	C to C = L + 8" (203.2 mm) Overall Length = C to C + 11" (279.4 mm)	C to C = L + 4" (101.6 mm) Overall Length = C to C + 5-1/2" (139.7 mm)	C to C = L + 4" (101.6 mm) Overall Length = C to C + 5-1/2" (139.7 mm)
Flag Indicator Material	Plastic			
Length of Indication, Max.	240" (609.6 cm)			



Type BP

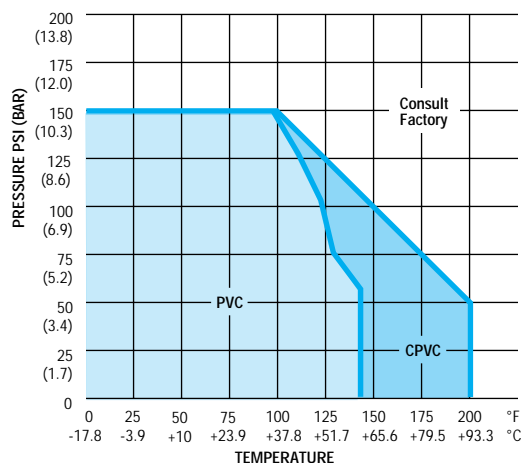
Dimensional data varies due to connections, material and specific gravity.
Note: Additional materials, floats, connections and manufacturing techniques are available to extend lengths and operational capabilities. Please contact GEMS Sensors if the parameters above do not meet your requirements.

2. Material

Select desired material from those tabulated below. Mark the Code Number on your OrderIT! Check List. The pressure/temperature performance parameters for each of the materials are specified in the chart at right. Please consult the factory with pressure/temperature requirements that fall outside the parameters shown here.

	PVC	Clear PVC Housing/ PVC Float	CPVC	Polypropylene	PVDF
Code Number	1	1A	2	3	4

Pressure/Temperature Performance



LEVEL INDICATORS

3. Connection Code

(See complete descriptions below)

TOP		T	Blind			NPT			Flange	
			Fixed	Removable		Female	Removable		Fixed	Removable
				T1	T2		T3	T12		

SIDE		Sa	Blind	NPT		Flange
				Male	Female	
				S1	S2	

SIDE		Sb	Blind			NPT			Flange	
			Fixed	Removable		Female	Removable		Fixed	Removable
				B1	B2		B3	B12		

BOTTOM		B	Blind			NPT			Flange	
			Fixed	Removable		Female	Removable		Fixed	Removable
				B1	B2		B3	B12		

— Connection Codes and Materials background-shaded in this color are stocked by Gems. Select these connections where possible to obtain the most economical SureSite Indicators with a prompt delivery.

Connection Code Descriptions

Please provide all connections when completing the Order! Product Check List (located in the back of this catalog).

T & B (Top and Bottom)

- T/B 1. Welded pipe cap
- T/B 2. Threaded pipe cap (PVC/CPVC only)
- T/B 4. Fixed flange/blind mating flange
- T/B 5. Fixed flange/mating FNPT reducing flange
- T/B 10. Welded coupling flange
- T/B 11. Threaded union flange
- T/B 12. Welded coupling/FNPT
- T/B 15. Threaded coupling FNPT

Sa & Sb (Sides)

- S1 – Blind–No Connection
- S2 – MNPT nipple
- S3 – FNPT coupling
- S4 – ANSI flange

Note: Before selecting your connections, consider incorporating your vent and drain requirements.

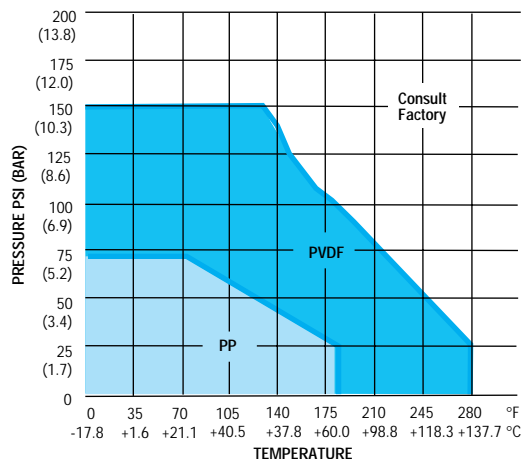
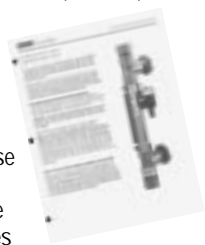
Options

See Pages G-9 and G-10 for various Scale, Switch, and Continuous Transmitter Options.

There's More!

- Flag Options
- Additional Connections

Gems SureSite® Indicators comprise the largest selection of magnetic visual level indicators available. The component selection and accessories offered here is limited by space. Give GEMS a call for the complete story. Request Form No. 390.



Top Mount Units

When it's not practical to access the side of a tank for liquid monitoring, look to SureSite Top Mount Indicators for the solution. Please consult with the factory for these specially configured indicators 1-800-321-6070.



ORDER IT!
860-747-4244

Photocopy This Form

Use one form for each product type you are selecting.

Page# _____ Name _____

Company _____

Street _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

This is a Request for a Quote Order P.O.# _____

Quantity Needed _____ Date Required ____/____/____

Shipping Method: _____ Partial Accepted: Yes No

The OrderIt! Order Sheet (Z-4) must accompany this Check List. The Order Sheet is not required for quotes.

SureSite Indicators, Alloy Versions – Standard Size (Pages G-5 & G-6)

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:** _____
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 – 316 Stainless Steel, Standard.

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 G-6.**

Top T	NPT	Flange	
	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 150# (RF) <input type="checkbox"/> 600# (RF) <input type="checkbox"/> Other _____
Side Sa	NPT	Flange	
	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 150# (RF) <input type="checkbox"/> 600# (RF) <input type="checkbox"/> Other _____
Side Sb	NPT	Flange	
	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 150# (RF) <input type="checkbox"/> 600# (RF) <input type="checkbox"/> Other _____
Bottom B	NPT	Flange	
	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 1/2" <input type="checkbox"/> 1" <input type="checkbox"/> 2" <input type="checkbox"/> Other _____	<input type="checkbox"/> 150# (RF) <input type="checkbox"/> 600# (RF) <input type="checkbox"/> Other _____

4. **Length of Visual Indication – L:** _____ inches (240", Max.).
Connection to Connection Dimension – C to C: _____ inches.
- Special Instructions** (Materials, Connections, etc.)

5. Flag Type

- Plastic flags available to 300°F. Aluminum flags only for temperatures to 750°F.
- Plastic (Orange and White) Aluminum (Black and Silver)
- Non-Standard; Specify: _____ consult factory.

Accessories (Pages G-9 and G-10)

1. **Transmitters** (Continuous Electrical Indication):
 Low Temperature – 300°F High Temperature – 750°F
 Explosion-Proof
2. **J-Box/Signal Conditioners Accessories:**
 Terminal Strip 4-20 mA Output 0-5 VDC Output
 0-12 VDC Output Other _____
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 High Temperature – 750°F
 Explosion Proof
5. **Indicating Scales:**
 Feet and Inches Blank
 Custom Graduations; specify: _____

Please contact GEMS Sensors Inc. for any configuration or special requirements not covered on this form. **800-321-6070**

Quote \$ _____ Date Quoted ____/____/____



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SURESITE® VISUAL INDICATORS – STANDARD SIZE, ALLOY

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