

ORDER IT!

Ordering is Easy! See Page C-43.
Easy online ordering too!

Engineered Plastics Versions – Standard Size

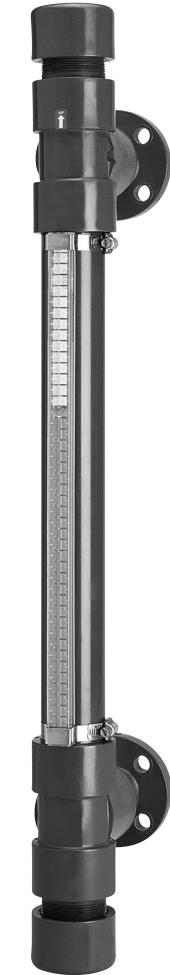
- ▶ Temperatures to 280°F (139°C)
- ▶ Pressures to 150 PSI (10.3 Bar)
- ▶ Up to 20 feet (6.1 meters) of continuous visual indication

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.

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
L = Length of Visual Indication				
Typical Lengths*	C to C = L + 11" (279 mm) Overall Length = C to C	C to C = L + 8" (203 mm) Overall Length = C to C + 11" (279 mm)	C to C = L + 9.5" (241 mm) Overall Length = C to C + 5-1/2" (140 mm)	C to C = L + 9.5" (241 mm) Overall Length = C to C + 5-1/2" (140 mm)
Flag Indicator Material	Plastic			
Length of Indication, Max.	240" (610 cm)			



Type BP Shown

*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.

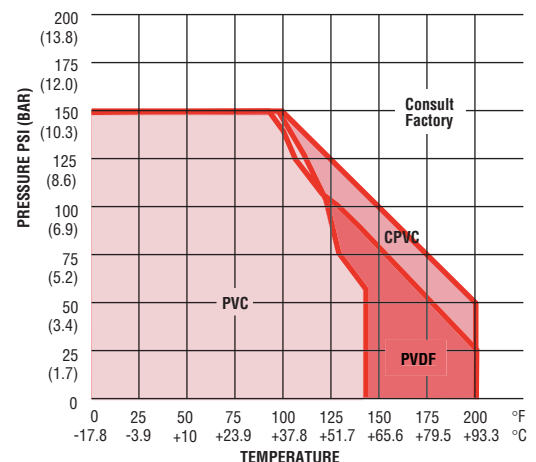
2. Material

Select desired material from those tabulated below. Mark the Code Number on your Orderit! Check List. The pressure/temperature performance parameters are specified in the charts at right. Consult the factory with pressure/temperature requirements that fall outside the parameters shown here.

= Stock Material
(Best economy and delivery).

Materials	Code
Housing & Float	
PVC	1
Clear PVC Housing/ PVC Float	1A
CPVC	2
PVDF	4

Pressure/Temperature Performance



3. Connection Codes (See complete descriptions below)

TOP T	Blind			NPT						Flange	
	Fixed	Removable		Fixed		Removable				Fixed	Removable
	T1	T2	T3	Female T4	Male T5	Male T6		Female T8		T9	T10
SIDE Sa											
	Blind			NPT		Flange					
				Male S2	Female S3	S4					
SIDE Sb											
	Blind			NPT		Flange					
				Male S2	Female S3	S4					
BOTTOM B	Blind			NPT						Flange	
	Fixed	Removable		Fixed		Removable				Fixed	Removable
	B1	B2	B3	Female B4	Male B5	Male B6		Female B8		B9	B10

— 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.

Connection Code Descriptions

Please provide all connections when completing the Order! Product Check List (located in the back of this catalog). **Note:** Before selecting your connections, consider incorporating your vent and drain requirements.

T & B (Top and Bottom)

- T/B 1. Welded cap
- T/B 2. Threaded cap (PVC/CPVC only)
- T/B 3. Fixed flange/blind mating flange
- T/B 4. Welded coupling/FNPT
- T/B 5. Welded coupling/MNPT
- T/B 6. Threaded union/MNPT
- T/B 7. Fixed flange/mating flange MNPT
- T/B 8. Threaded union/FNPT
- T/B 9. Fixed flange/mating flange/FNPT
- T/B 10. Welded coupling flange
- T/B 11. Threaded union flange
- T/B 12. Welded coupling/FNPT (PVC/CPVC only)
- T/B 13. Welded coupling/FNPT w/MNPT nipple (PVC/CPVC only)
- T/B 14. Threaded coupling/FNPT w/MNPT nipple (PVC/CPVC only)
- T/B 15. Threaded coupling FNPT (PVC/CPVC only)


Sa & Sb (Sides)

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

Accessories – Pages C-44 to C-46

Make more of your SureSite® Indicator with the productivity-enhancing accessories found at the end of this section.

- **Indicating Scales**
Add graduations to your flag indication.
- **Switch Modules**
Control pumps, valves, alarms, etc. Mount externally on housing for infinite positioning.
- **Continuous Output Transmitters**
Signal conditioned for compatibility with most electronic instruments.

 <p style="color: red; font-weight: bold; font-size: 1.2em;">Photocopy This Form</p> <p>Use one form for each product type you are selecting.</p>	<p>This is a <input type="checkbox"/> Request for a Quote <input type="checkbox"/> Order P.O.# _____</p> <p>Quantity Needed _____</p> <p>Date Required ____/____/____</p> <p>Shipping Method: _____</p> <p>Partials Accepted: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Name _____</p> <p>Company _____</p> <p>Street _____</p> <p>City _____ State ____ Zip _____</p> <p>Phone (____) _____</p> <p>Fax (____) _____</p>
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SureSite Indicators, Engineered Plastic Versions – Standard Size

Process Conditions

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

- | | |
|---|--|
| <p>1. Pressure: Operating _____ psig Maximum _____ psig</p> <p>2. Temperature: Operating _____ °F Maximum _____ °F</p> <p>3. Liquid Media: _____</p> | <p>4. Specific Gravity @ Operating Condition: _____</p> <p>5. Viscosity: _____ SSU</p> <p>6. Application Location: <input type="checkbox"/> Indoors <input type="checkbox"/> Outdoors</p> |
|---|--|

Physical Configuration

1. Mounting Configuration Types:

- Type AP Type BP Type CP Type DP

2. Housing and Float Material:

- Code 1 Code 1A Code 2 Code 3 Code 4

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 C-42.**

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# (FF) <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# (FF) <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# (FF) <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# (FF) <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 (Orange and White)

Accessories (Pages C-44 to C-46)

1. Transmitters (Continuous Electrical Indication):

- Standard – 300°F Explosion-Proof

2. J-Box/Signal Conditioners Accessories:

- Terminal Strip 4-20 mA Output 0-5 VDC Output
 0-12 VDC Output

- 3. Power Supply:** 115 VAC (Input) /24 VDC (Output)
 (Optional) 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
 Explosion Proof

5. Indicating Scales:

- Feet and Inches Inches Metric Blank
 Custom Graduations; specify: _____

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

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



Gems Sensors Inc.
 One Cowles Road
 Plainville, CT
 06062-1198

tel 860.747.3000
 fax 860.747.4244
 www.gemssensors.com