

**ORDER IT!**

Ordering is Easy! See Page D-15.  
Easy online ordering too!



Type BP Shown

LEVEL INDICATORS – VISUAL

## Engineered Plastics Versions – Standard Size

- ▶ Temperatures to 280°F (139°C)
- ▶ Pressures to 150 PSI (10.3 Bar)
- ▶ Up to 19 feet (5.8 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
<b>Typical Lengths*</b>	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)
<b>Flag Indicator Material</b>	Plastic			
<b>Length of Indication, Max.</b>	228" (579 cm)			

\*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

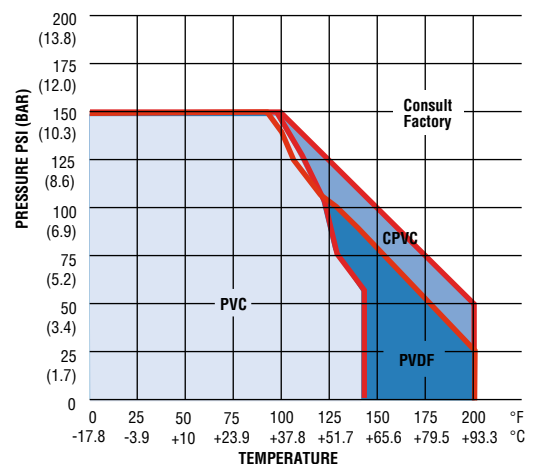
Select desired material from those tabulated below. Mark the Code Number on your OrderIt! Check List. The pressure/temperature performance parameters are specified in the charts at right. Consult the factory with pressure/temperature requirements that fall outside the parameters shown here.

Materials	Code
<b>Housing &amp; Float</b>	
PVC	<b>1</b>
Clear PVC Housing/ PVC Float	<b>1A*</b>
CPVC	<b>2</b>
PVDF	<b>4</b>

\* 2" Schedule 40 pipe

= Stock Material  
(Best economy and delivery).

### Pressure/Temperature Performance



### 3. Connection Codes (See complete descriptions below)

**TOP** **T**

	Blind			NPT						Flange	
	Fixed	Removable		Fixed		Removable				Fixed	Removable
		Female	Male	Female	Male	Male	Female	Female			
	T1	T2	T3	T4	T5	T6	T7	T9	T10	T11	

**SIDE** **Sa**

Blind	NPT		Flange
	Male	Female	
S1	S2	S3	S4

**SIDE** **Sb**

**BOTTOM** **B**

	Blind			NPT						Flange	
	Fixed	Removable		Fixed		Removable				Fixed	Removable
		Female	Male	Female	Male	Male	Female	Female			
	B1	B2	B3	B4	B5	B6	B7	B9	B10	B11	

— 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.

LEVEL INDICATORS – VISUAL

**Connection Code Descriptions**  
Please provide all connections when completing the Order! Product Check List.  
**Note:** Before selecting your connections, consider incorporating your vent and drain requirements.

- |   |  |
|---|--|
| <p><b>T &amp; B (Top and Bottom)</b></p> <ul style="list-style-type: none"> <li>T/B 1. Welded cap</li> <li>T/B 2. Threaded cap (PVC/CPVC only)</li> <li>T/B 3. Fixed flange/blind mating flange</li> <li>T/B 4. Welded coupling/FNPT</li> <li>T/B 5. Welded coupling/MNPT</li> <li>T/B 6. Threaded union/MNPT</li> <li>T/B 7. Fixed flange/mating flange MNPT</li> <li>T/B 9. Fixed flange/mating flange/FNPT</li> <li>T/B 10. Welded coupling flange</li> <li>T/B 11. Threaded union flange</li> </ul> | <p><b>Sa &amp; Sb (Sides)</b></p> <ul style="list-style-type: none"> <li>S1 – Blind–No Connection</li> <li>S2 – MNPT nipple</li> <li>S3 – FNPT coupling</li> <li>S4 – ANSI flange</li> </ul> |
|---|--|

### Accessories – Pages D-16 to D-18

- 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="font-size: 24pt; font-weight: bold;">267-673-8118</p> <p style="font-size: 18pt; font-weight: bold; color: red;">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      Name _____  <input type="checkbox"/> Order P.O.# _____      Company _____</p> <p>Quantity Needed _____      Street _____</p> <p>Date Required ____/____/____      City _____ State ____ Zip _____</p> <p>Shipping Method: _____      Phone (____) _____</p> <p>Partials Accepted: <input type="checkbox"/> Yes      Fax (____) _____  <input type="checkbox"/> No</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><b>1. Pressure:</b> Operating _____ psig    Maximum _____ psig</p> <p><b>2. Temperature:</b> Operating _____ °F    Maximum _____ °F</p> <p><b>3. Liquid Media:</b> _____</p> | <p><b>4. Specific Gravity @ Operating Condition:</b> _____</p> <p><b>5. Viscosity:</b> _____ SSU</p> <p><b>6. Application Location:</b> <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 D-14.**

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"/> 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"/> 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"/> 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"/> 150# (FF) <input type="checkbox"/> Other _____

#### 4. Length of Visual Indication – L: \_\_\_\_\_ inches (228", Max.).

Connection to Connection Dimension – C to C: \_\_\_\_\_ inches.

#### 5. Flag Type: Plastic (Orange and White)

#### Special Instructions (Materials, Connections, etc.)

\_\_\_\_\_

\_\_\_\_\_

### Accessories (Pages D-16 to D-18)

#### 1. Transmitters (Continuous Electrical Indication):

- Standard – 300°F (149°C)     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 (149°C)    High Temperature  
 Explosion Proof

#### 5. Indicating Scales:

- Feet and Inches    Inches    Metric    Blank  
 Custom Graduations; specify: \_\_\_\_\_

Please Contact **C A Briggs Company** for any Special Configurations  
 Or requirements not covered on this form. **267-673-8117**

Quote: \$ \_\_\_\_\_      Date Quoted: \_\_\_\_/\_\_\_\_/\_\_\_\_

