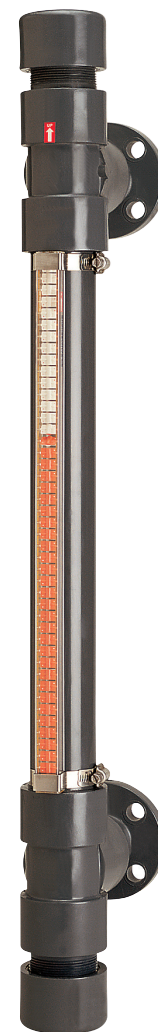


Engineered Plastics Versions – Standard Size

- ▶ 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.



Type BP Shown

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	Type BP	Type CP	Type DP
	Top and Bottom Process Connections	Side and Side Process Connections	Top and Side Process Connections	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.	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 Order! 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
Housing & Float	
PVC	1
Clear PVC Housing/ PVC Float	1A*
CPVC	2
PVDF	4

* 2" Schedule 40 pipe

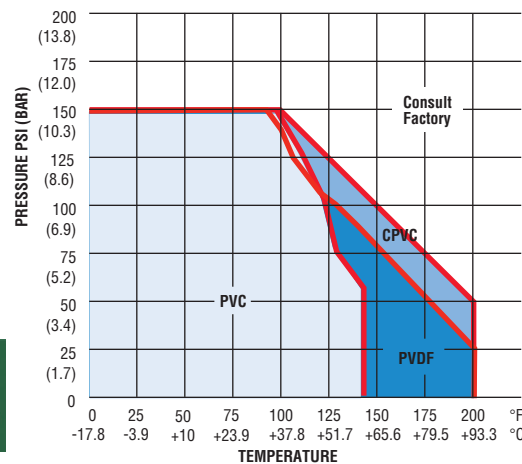
= Stock Material (Best economy and delivery).

Offered by:



Specialists in Valves, Controls, Pneumatics, Fluid Measurement

Pressure/Temperature Performance



3. Connection Codes

(See complete descriptions below)

TOP	Blind			NPT				Flange		
	Fixed	Removable		Fixed		Removable		Fixed	Removable	
		T1	T2	T3	Female	Male	Male			Female

SIDE	Sa	Blind			NPT		Flange
		S1	S2	S3	Male	Female	

— 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.

BOTTOM	Blind			NPT				Flange		
	Fixed	Removable		Fixed		Removable		Fixed	Removable	
		B1	B2	B3	Female	Male	Male			Female

LEVEL INDICATORS - VISUAL

Connection Code Descriptions

Please provide all connections when completing the OrderIt! Product Check List.

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 9. Fixed flange/mating flange/FNPT
- T/B 10. Welded coupling flange
- T/B 11. Threaded union flange

Sa & Sb (Sides)

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

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