



# SERIES FMF & FMP

## Double Window Visual Sight Flow Indicators for liquids, air, or gases

The Double Window Flow Indicators from SURE FLOW PRODUCTS, LLC are most useful where visual inspection of the pipeline flow (motion, flow, or color) is required as a plant safety or as a means to verify adequate flow for production quality during process conditions. These robust double window sight flow indicators are also excellent for verifying flow for cooling, quenching, or lubricating of parts or equipment such as but not limited to: pumps engines, gears, and compressors. The sizeable windows allow an excellent view of the conditions in the line from a relatively long distance.

With two styles to choose from the Spout design provides visual inspection of the fluid while the hinged internal Flap design with its graduated scale allows a check on flow rate changes and/or repeatability of the valve positioning while providing view of the process. The Flap or Spout can be used in transparent or slightly opaque solutions and gas services. Both styles will operate in horizontal or vertical orientation (Flap style with vertical mount - Flow up only). Offered in connection sizes from 1/4 inch to 4 inches with NPT, BSP, or Flanged Connections with flow to beyond 500 GPM (2000LPM).

## SERIES FMF & FMP - SIZE: S

### Materials of Construction

- Body & Covers** - Stainless Steel 316: ASTM-A-351-2000 GR CF8M
- Carbon Steel: ASTM-A-216-2000-GR-WCB
- Bronze BS EN1982 CuSn5Zn5PB5-C-GS (formerly LG2)
- Glass** - Toughened Borosilicate (DIN 7080) (16 bar) or Toughened Soda lime (BIS 3463) (40 bar)
- Gaskets** - PTFE
- Flap** - Stainless Steel 316
- Scale** - Polycarbonate
- Fasteners** - Stainless A2

(Consult S.F.P. for special connections and material requirements)



### Technical Specifications

- Pressure rating 580 PISG or 40Bar** (subject to Glass & Flange specification)
- Maximum Temperature:** Spout Style: 482f (250C) Flapper Style: 257f (125C)

### Sizes and Connections

1/4 to 1 inch in NPT, BSP, or Flanged

### Dimensions (mm)

### \*Actual Flow on Scales

### Over Range

Size inches	Weight (kg)		Length		Width	Height	*Actual Flow on Scales				Over Range		
	T	F	T	F			2	4	6	8	Top	Max. Flow LPM	GPM
1/4	1.9	3.7	95	140	89	66	.7	.9	1.2	1.8	5.8	100	26
3/8	1.9	3.8	95	140	89	66	.7	1.0	1.2	1.8	6.3	150	40
1/2	1.85	3.9	95	140	89	66	.8	1.0	1.6	2.2	5.3	250	66
3/4	1.85	3.9	95	140	89	66	.8	1.3	1.6	2.4	5.3	250	66
1	1.8	3.9	95	140	89	66	.9	1.6	2.1	2.6	6.6	250	66

T=Threaded F= Flanged

\* Amount shown in GPM based on flow of water

### Model Ordering Code Size: S

Style	Material & Glass		Size	Flange
FMF	SS	B	.250	F150
<b>Style</b> FMF = Flap FMP = Spout	<b>Material</b> B = Bronze SS = Stainless Steel CS = Carbon Steel	<b>Glass</b> B = Borosilicate S = Sodalime	<b>Size (thread)</b> .250 = 1/4" .375 = 3/8" .500 = 1/2" .750 = 3/4" 1.00 = 1" B = BSP N = NPT SW= Socket Weld	<b>Flange Option</b> For ANSI (F) or Din (D) Flanges add one of the following <b>F150 or D16</b> <b>F300 or D40</b> No Symbol: n/a

For Special requirement please contact SURE FLOW PRODUCTS, LLC or your local distributor