



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: M or L

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)

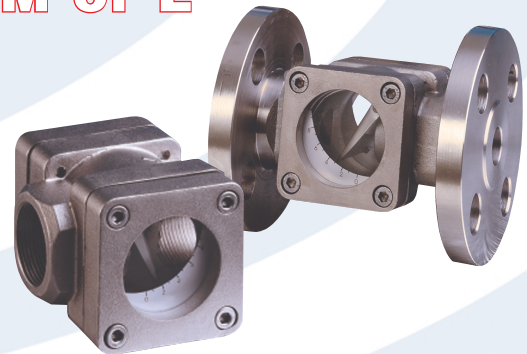
- Gaskets**
- PTFE

- 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

M = 1/4 to 2 inch in NPT, BSP, or Flanged

L = 3 or 4 inch Flanged

Dimensions

* Actual Flow on Scales

Over Range

Size inches	Weight (kg)		Length		Width	Height	2	4	6	8	Top	Max. Flow	
	T	F	T	F								LPM	GPM
1.25	4	7.1	120	180	120	89	1.9	2.9	3.7	6.3	10.6	550	150
1.50	3.9	7.0	120	180	120	89	2.1	3.2	4.0	6.6	13.2	600	160
2.00	9	14.5	150	220	170	110	2.3	4.0	7.4	13.2	19.8	1000	265
3.00	n/a	19.5	n/a	258	160	165	6.3	8.5	13.2	33.8	55.5	1500	400
4.00	n/a	23.5	n/a	258	160	165	12.2	18.5	26.4	39.6	59.5	2000	530

T=Threaded (only available on sizes: 1.25, 1.50, 2.00) F=Flanged

* Amount shown in GPM of water flow

Model Ordering Code Size: M or L

Style	Material & Glass	Size	Flanged (opt.)
FMF	SS	B	1.25N
Style FMF= Flap FMP= Spout	Material B=Bronze SS= Stainless Steel CS= Carbon Steel	Glass (toughened) B=Borosilicate S= Sodalime	Size (thread) 1.25 = 1 1/4" 1.5 = 1 1/2" 2.00 = 2" 3.00 = 3" 4.00 = 4" B = BSP N = NPT SW= Socket Weld
			Flange Option For ANSI (F) or Din (D) Flanges add one of the following F150 or D16 F300 or D40 No Symbol: n/a

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