

### DIFFERENTIAL PRESSURE FLOW METERS



#### FEATURES:

- Large, rugged flow nozzle for minimal pressure drop
- Isolated magnetic movement
- highly visible 3.5" gauge
- 1/2" or 2" NPT ports
- PVC or CPVC bodies; FKM or EPDM seals
- Long life, wear-resistant design
- No wetted metal parts
- Non-clogging design

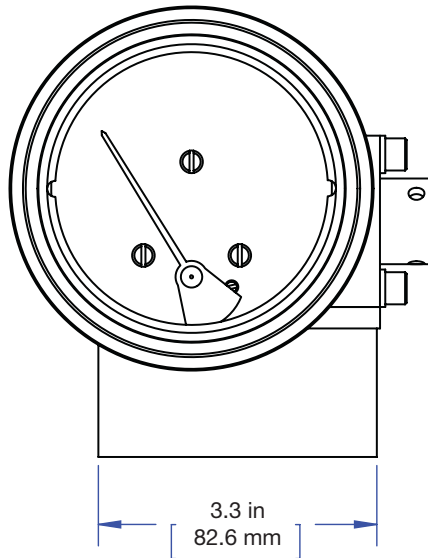
This design features a spring-loaded diaphragm and magnetic movement to measure the pressure drop across a fixed orifice. Flow rate is proportional to the square root of the resulting differential, and directly displayed on the dial as gallons per minute. The magnetic movement is isolated from the liquid, with no linkages or other

mechanical parts prone to variations or failure. Overall accuracy is 2% full scale. These gauges feature a 5:1 turndown ration; dial starting mark is 20% of full scale. Maximum pressure rating is 100 PSI. Connections are FNPT. For other options, please contact factory.

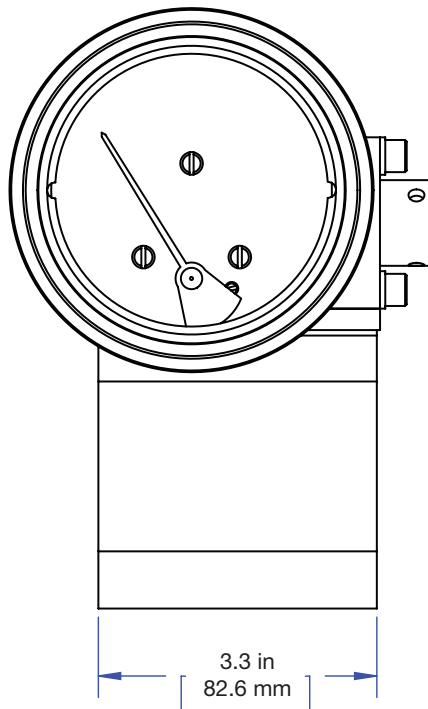
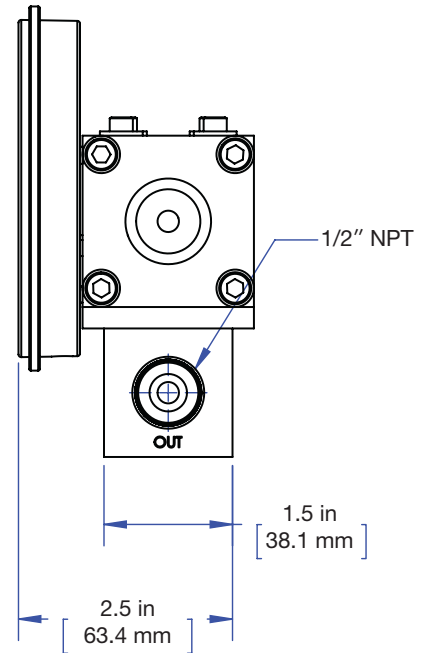
PIPE SIZE	BODY MATERIAL	GAUGE RANGE GPM	PART NUMBER
1/2" NPT	PVC	0 - 10	DPFM050V-PV-10
2" NPT	PVC	0 - 50	DPFM200V-PV-50
2" NPT	PVC	0 - 100	DPFM200V-PV-100
2" NPT	PVC	0 - 200	DPFM200V-PV-200
1/2" NPT	CPVC	0 - 10	DPFM050V-CP-10
2" NPT	CPVC	0 - 50	DPFM200V-CP-50
2" NPT	CPVC	0 - 100	DPFM200V-CP100
2" NPT	CPVC	0 - 200	DPFM200V-CP-200



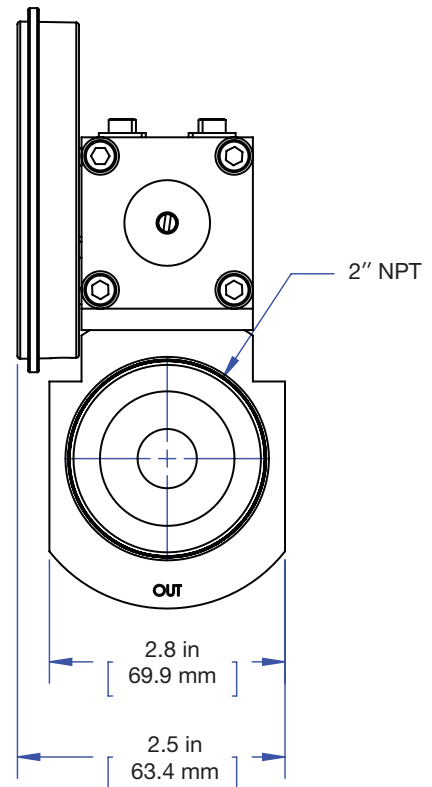
### DIFFERENTIAL PRESSURE FLOW METERS



DPFM 050



DPFM 200



DPFM-0615-C-2

### VARIABLE AREA FLOW INDICATORS SERIES FIG/FIGS



Plast-O-Matic flow gauges indicate liquid flow rates from low flows of 0-1 GPM to 0-10 GPM, even when used at high line pressures. Flow gauge sensors can be supplied with switches or relays to initiate alarms, activate other equipment, or shut the system down. Two switches are used when high and low limits are desired. Maximum line pressure rating is 200 PSI.

#### VARIABLE AREA FLOW INDICATORS

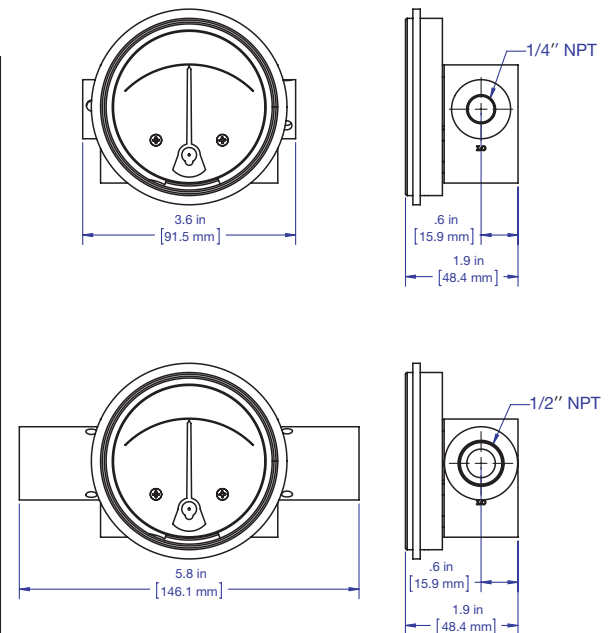
Series FIG: Variable Area Flow Indicator Gauge, 2.5" Dial

Series FIGS: Variable Area Flow Indicator Gauge/Switch, 2.5" Dial

- Quantitative readout of variable area flow
- 1/4" or 1/2" FNPT Connections
- Accuracy is  $\pm 5\%$  FS
- Corrosion-resistant thermoplastic connections; PVC or CPVC
- EPDM or FKM elastomers
- No wetted metal parts.
- Made in USA

Connection Size	Gauge Range GPM	Gauge Size	Switch	PVC Model Number
1/4"	0-1	2.5"	None	FIG025V-PV-2.5-1
1/4"	0-2	2.5"	None	FIG025V-PV-2.5-2
1/4"	0-1	2.5"	SPST - Normally Open	FIGS025V-PV-2.5-A-1
1/4"	0-1	2.5"	SPST - Normally Closed	FIGS025V-PV-2.5-B-1
1/4"	0-1	2.5"	SPDT	FIGS025V-PV-2.5-C-1
1/4"	0-2	2.5"	SPST - Normally Open	FIGS025V-PV-2.5-A-2
1/4"	0-2	2.5"	SPST - Normally Closed	FIGS025V-PV-2.5-B-2
1/4"	0-2	2.5"	SPDT	FIGS025V-PV-2.5-C-2
1/2"	0-5	2.5"	None	FIG050V-PV-2.5-5
1/2"	0-10	2.5"	None	FIG050V-PV-2.5-10
1/2"	0-5	2.5"	SPST - Normally Open	FIGS050V-PV-2.5-A-5
1/2"	0-5	2.5"	SPST - Normally Closed	FIGS050V-PV-2.5-B-5
1/2"	0-5	2.5"	SPDT	FIGS050V-PV-2.5-C-5
1/2"	0-10	2.5"	SPST - Normally Open	FIGS050V-PV-2.5-A-10
1/2"	0-10	2.5"	SPST - Normally Closed	FIGS050V-PV-2.5-B-10
1/2"	0-10	2.5"	SPDT	FIGS050V-PV-2.5-C-10

#### FIG025 / FIGS025



**Notes – Body and Seal Materials:** All part numbers shown are PVC bodies with FKM (Viton) seals. For CPVC bodies, change “-PV” to “-CP”. For EPDM seals, change first “V” to “EP”. For example, FIG025V - becomes FIG025EP.