

PULSAFEEDER®

A reliable and accurate Flow Verification from Pulsafeeder. Rest assured that your chemical feed system is performing to your exact requirements with the Pulsafeeder Flow Verification System. The Flow Verification System monitors the pump throughput in relation to pump operation. The system monitors the solenoid activation for each stroke and verifies that liquid is being discharged through the sensor body.

If the sensor detects insufficient flow throughput when the pump solenoid is activated, it triggers a fault condition.

The Flow Verification System, upon a fault condition, will illuminate a green and red LED's for visual confirmation, engage a dry contact for remote alarm and will shut down the pump if selected in the menu.

Features

- Chemical feed verification
- In-line sensor is pre-wired to the pump with over 5 feet of wire.
- Bright green and red LED's illuminate to indicate an alarm condition for insufficient flow.
- Alarm Output automatically closes when insufficient flow is recognized.
- PVDF Body is available with EPDM or Viton O-rings.

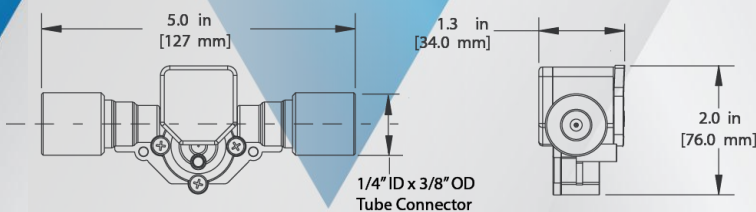
Operating Benefits

- Easy to Install and Operate.
- Visual Notification of Insufficient Flow.
- Pump output is monitored to protect against loss of flow.



Aftermarket

- Water Meters
- Gauges
- Dampeners
- Pressure Relief Valves
- KOPkits
- Tanks
- Pre-Engineered Systems



Flow Verification System For PULSAtron Series MP Pumps

Flow Verification

Specifications and Model Selection

MODEL		LMK3	LMB4	LME4	LMH6	LMK7	LMH7
Capacity nominal (max.)	GPH	0.60	1.00	1.85	5.00	8.00	10.00
	GPD	14	24	44	120	192	240
	LPH	2.3	3.8	7.0	18.9	30.3	37.9
Pressure (max.)	PSIG	100	100	100	100	50	35
	BAR	7	7	7	7	3.3	2.4
Connectio	Tubing	1/4" ID X 3/8" OD (I)			1/4" ID X 3/8" OD (H)		
Minimum Stroke Length Turn-		80%	40%				

Note: Flow Verification: Available on K3, B4 and E4 with connection code I; H6, K7 and H7 with connection code H; 1/4" ID x 3/8" OD only.
* Stroke lengths below these values will result in nuisance insufficient flow

Engineering Data

Series MP Pump Head Materials Available:	GFPPL PVC PVDF 316 SS
Diaphragm:	PTFE-faced CSPE-backed
Check Valves Materials Available:	
Seats/O-Rings:	PTFE CSPE Viton
Balls:	Ceramic PTFE 316 SS Alloy C
Fittings Materials Available:	GFPPL PVC PVDF
Bleed Valve:	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy:	Same as fitting and check valve selected
Tubing:	Clear PVC White PE

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

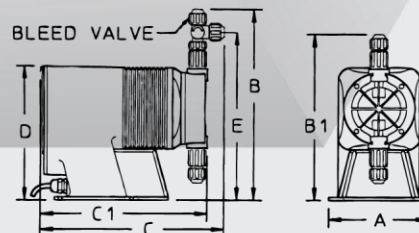
Engineering Data

Reproducibility:	+/- 2% at maximum capacity
Controls:	6-Station Membrane Switch
Status Display:	16-Position LCD Dot Matrix Backlight
LED Indicator Lights, Panel Mount:	Power On - Green Pulsing - Green Flashing Stop - Red
Stroke Frequency Max SPM:	125
External Stroke Frequency Control (Automatic):	4-20 mADC, 20-4 mADC External Pacing
Output Relay (Signal Level Option):	24 VDC, 10 mA
Output Relay (Power Option):	250 VAC, 50/60 HZ, 0.5A
Stroke Frequency Turn-Down Ratio:	100:1
Stroke Length Turn-Down Ratio:	10:1
Power Input:	115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph
Average Current Draw:	
@ 115 VAC; Amps:	1.0 Amps
@ 230 VAC; Amps:	0.5 Amps
Peak Input Power:	300 Watts
Average Input Power @ Max SPM:	130 Watts

Dimensions

Series MP Dimensions (inches)								
Model No.	A	B	B1	C	C1	D	E	Shpg Wt
LMK3	5.4	10.6	-	10.7	-	7.5	9.2	13
LMB4	5.4	10.6	-	10.7	-	7.5	9.2	13
LME4	5.4	10.6	-	11.2	-	7.5	9.2	15
LMH6	6.2	11.3	-	11.2	-	8.2	9.9	21
LMH7	6.1	11.7	-	11.2	-	8.2	10	21
LMK7	6.1	11.7	-	11.2	-	8.2	10	21

NOTE: Inches X 2.54 = cm



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