

Technical Data

NSF/ANSI 61 Certified

Pulsafeeder's multi-jet water meters provide value by offering efficient, accurate operation for potable and non-potable water applications. The meters are offered in three body types: Plastic (potable water) Low-lead brass (potable water) and Leaded brass (non-potable water). The water meters are available in both totalizing & contacting head type providing a dry contact output proportional to flow and can interface directly with both Pulsafeeder pumps and controllers. A totalizing register dial records flow over a wide range with low head loss.

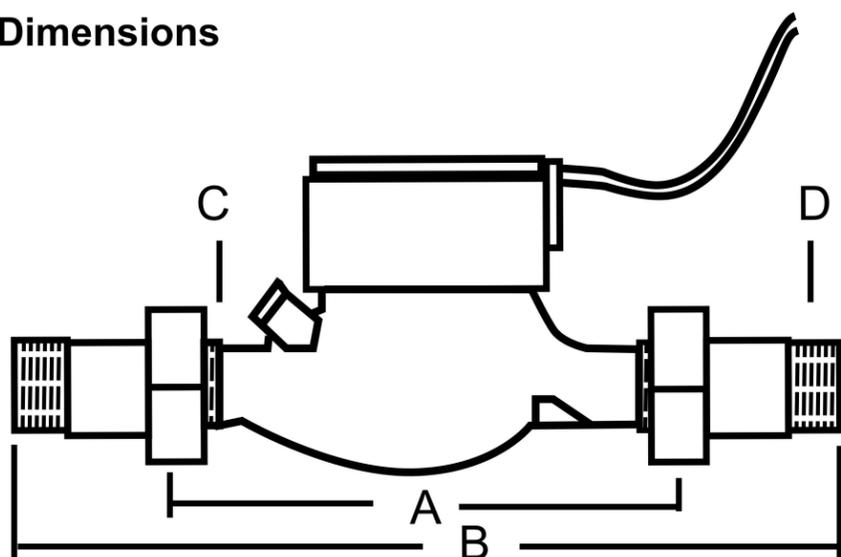
Features

- Sensor fastens to lens without removing top
- Calibration plug seal wire for tamper evidence
- Union end couplings for each service
- Factory set pulse rates
- Changing pulse rate requires no special tools
- Adjustable GPC (Tools required, see instruction manual for more details)

Applications

- Plastic Body NSF 61 certified – Residential Water Conditioning and Potable Water
- Brass Lead-Free NSF 61 certified – Municipal, Industrial, Heat Transfer Cooling Tower and Boiler

Dimensions



Brass Body	3/4"	1"	1.5"	2"
A (Body)	7 1/2"	10 1/4"	11 3/4"	11 3/4"
B (Body w/ Couplings)	11 5/8"	15"	17"	17 5/8"
C (IPS Thread)	1"	1 1/4"	2"	2 1/2"
D (NPT Thread)	3/4"	1"	1 1/2"	2"
Plastic Body	3/4"	1"	1.5"	
A (Body)	7 1/2"	10 1/4"	11 3/4"	
B (Body w/ Couplings)	11 5/8"	15"	17"	
C (IPS Thread)	1"	1 1/4"	2"	
D (NPT Thread)	3/4"	1"	1 1/2"	

Shipping Weight

	3/4"	1"	1.5"	2"
Plastic - LBS	3 lb	4.5 lb	7.5 lb	N/A
Brass - LBS	6 lb	8 lb	13 lb	16 lb

Multi-Jet					
Power	6mA at 12 Vdc (Hall Effect Sensor Only)				
Temperature	105° F (40° C) max				
Materials					
Pressure	150 PSI operating (10.3 Bar)				
	Body	Plastic or Eco-brass alloy			
	Internals	Engineered thermoplastic			
	Magnet	Alnico			
	Fittings	Lead-free tail piece			
Accuracy	± 1.5% of reading				
Pulse Output					
	Sensor	Totalizer Only	Reed Switch	Hall-effect Device	
	Max Current	N/A	20 mA	20 mA	
	Max Voltage	N/A	24 Vdc or Vac	24 Vdc	
Cable Length	12' (4 m) standard (2000' maximum run)				
Flow Rates - Multi-Jet (GPM)*		3/4"	1"	1.5"	2"
	Minimum	0.25	0.75	1.5	2
	Maximum	20	50	100	160
Regulatory	Lead-Free Brass and Plastic Body - NSF/ANSI 61				

*Caution: Excessive Flow can cause breakage. Do not exceed recommended maximums.

Pulse Rate

Pulse Rate	Magnetic Pointer Dial Position
10 Pulse Per Gallon (3/4" only)	x 0.01
*4 Pulse Per Gallon	x 0.1
1 Pulse Per Gallon	x 0.1
10 Gallons Per Pulse	x 1
100 Gallons Per Pulse	x 10
1 Liters Per Gallon	x 0.1
10 Liters Per Pulse	x 1
100 Liters Per Pulse	x 10

* A special magnet is required to achieve a rate of 4 pulses per gallon. It should be placed on the x.01 dial, with non-magnetic pointers on the remaining dials. Otherwise the procedure is the same.

Pressure Loss Curve

