



PLM10100 Turbine Flow Sensors for potable water applications

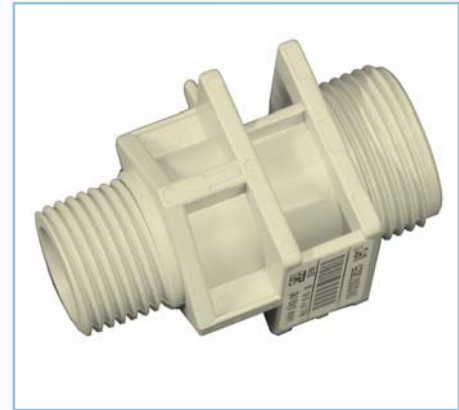
Overview

The H2O Degree PLM10100 Turbine flow sensors measure flows of liquid by detecting the local velocity of the flow through the pipe.

Turbine flow sensors are compatible with H2O Degree's water meter models M54120 and M54122.

Features

- Sapphire supported turbine for long durability.
- Rugged glass-fiber reinforced plastic ensures highest strength and performance.
- Wide measuring span (1:30)
- Flow proportional frequency output signal.
- Passed NSF61.
- Two year warranty.



Ordering Information

Model	Description
PLM10100	Turbine Flow Sensor (8 gallons per minute)

4/2017

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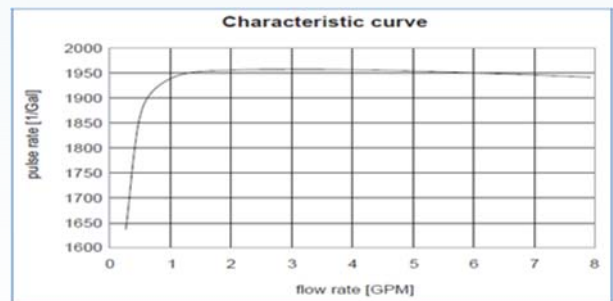
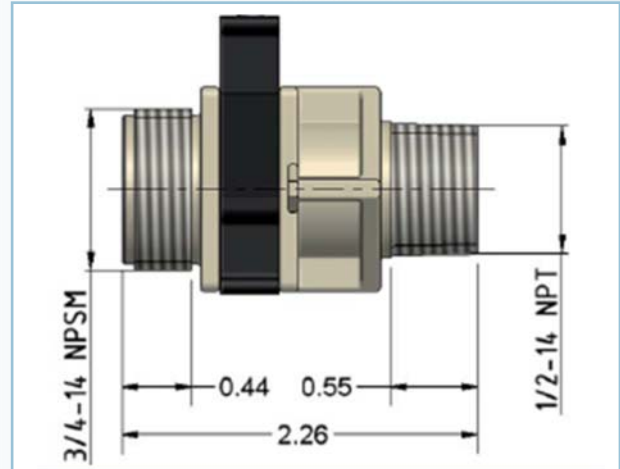


PLM10100 Turbine Flow Sensors

Technical Specifications

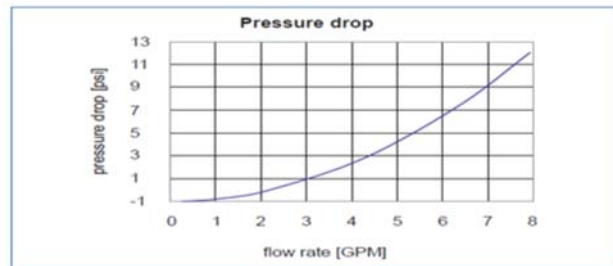
Technical Specifications

Flow Range	0.26 ... 7.9 gpm
Accuracy	+/-1%
Nominal pressure	145 psi
Max temperature	158 degree F
	Temporary 203 degree F
Plumbing connection	Inlet 3/4 inch NPSM National Pipe Straight Mechanical Outlet 1/2 inch NPT National Pipe Thread taper
Pick off	Hall effect sensor
Output signal	Square wave frequency signal
Duty cycle	1:1
K-factor	1950 pulses per gallon



Materials

Turbine body and rotor	PPO Noryl GFN3
Magnet	Hard ferrite
Shaft	Stainless steel
Axial bearing /radial bearing	Sapphire / PEEK



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