

PD-Mag™



Product Summary

The NMT® PD-Mag™ is a No-Lead brass positive displacement water meter capable of both horizontal and vertical installations, suitable for applications such as sub-metering and water utility usage monitoring. The PD-Mag™ complies with AWWA C700 specifications and is listed to both NSF61 (non-toxic) and NSF372 (no lead). With its optional pulse output, the PD-Mag™ can be used with most devices accepting contact closure (reed switch type) inputs such as remote totalizers and wireless transmitters.

Features

- Gallons or cubic meter register.
- Horizontal and vertical installations.
- Pulse output standard.
- 5/8" (16 mm) to 1" (25 mm) NTEP Certified (California).
- NSF listed.
- Meets AWWA C700.



Technical Characteristics

Temperature. 105°F, 41°C.
Max pressure. 150 psi (10 bar).
Materials. ECO brass - NSF (body). Thermoplastic (internals).
Pulse output. 6 mA @ 12 VDC.
Pulse value. 1/1 gal, 1/1 L, 1/10 L.

PD-Mag™ Flow Rate

Flow Rate: gpm/(m³/hr)					
GPM	5/8" x 3/4" (15 mm x 18 mm)	3/4" (19 mm)	1" (25 mm)	1 1/2" FL (38 mm)	2" FL (50 mm)
Min	1/8 (0.03)	1/4 (0.06)	1/4 (0.06)	1.5 (0.34)	2 (0.45)
Max	20 (25 intermittent) (4.5)	30 (6.8)	50 (11.4)	100 (22.7)	160 (36)
Continuous	15 (3.4)	15 (3.4)	25 (5.7)	50 (11.4)	80 (1.8)
Range	1 - 20 (.023 - 4.5)	1 - 30 (0.23 - 6.8)	2 - 50 (0.45 - 11.4)	5 - 100 (1.1 - 22.7)	8 - 160 (1.8 - 36)

PD-Mag™



PD-Mag™ Dimensions

Dimensions: inches/(mm)				
	5/8" x 3/4" & 3/4" (15 mm x 19 mm & 19 mm)	1" (25 mm)	1 1/2" FL (38 mm)	2" FL (50 mm)
Length	7.5" (190.5)	10.75" (273)	13" (330)	17" (432)
Height	8" (203)	9.5" (241)	13" (330)	14" (356)
Weight	6 lb (2.7 kg)	12 lb (5.4 kg)	22 lb (10 kg)	35 lb (16 kg)

