

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. 105 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) |

Water Meters

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) |

