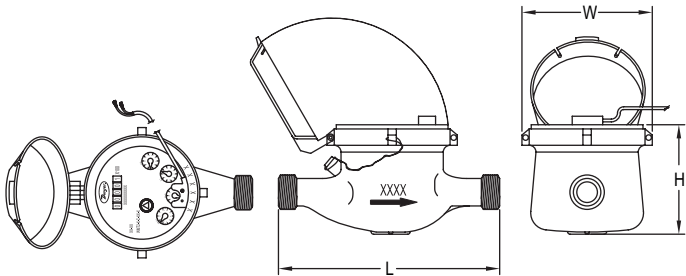


Dwyer
SERIES WPT

MULTI-JET PLASTIC WATER METER

Lead Free, Economical Plastic Body, Pulse Output



| Size in (mm) | Spud NPSM (BSPP) | Length 'L' in (mm) | Width 'W' in (mm) | Height 'H' in (mm) | Weight lb (kg) |
|-----------------|---------------------|-----------------------|----------------------|-----------------------|-------------------|
| 5/8 x 1/2 (15) | 3/4" (3/4") | 6-1/2(165) | 3-23/32 (94) | 4-15/64 (107.5) | 1.55 (0.7) |
| 5/8 x 3/4 | 1" (1") | 7-1/2(190) | 3-23/32 (94) | 4-15/64 (107.5) | 1.77 (0.8) |
| 3/4 x 1 (20) | 1-1/4" (1-1/4") | 10-1/4 (260) | 3-23/32 (94) | 4-15/64 (107.5) | 2.43 (1.1) |
| 1 (25) | 1-1/4" (1-1/4") | 10-1/4(260) | 3-23/32 (94) | 4-15/64 (107.5) | 2.43 (1.1) |
| 1-1/2 (40) | 2" (2") | 9-5/8 (245) | 4-13/16 (122) | 5-45/64 (141.5) | 4.41 (2) |



The **SERIES WPT** Plastic Multi-Jet Water Meters are a series of mechanical, water totalizing meters that display the total water usage in gallons with m³ options. They are available in a range of body sizes and include NPT or BSPT optional couplings. The plastic body water meters can be used in potable water applications, some corrosive environments, or where an economical water totalizer is desired.

FEATURES/BENEFITS

- Plastic body ideal for lead free requirements
- Multi-jet design allows for simplicity and accuracy with wide flow ranges, even in low flow applications
- Magnetically driven, hermetically sealed register does not leak or fog and is completely separated from the water
- Designed for long service life and maintenance-free operation
- Integral strainer that protects meter from particulate damage
- Easy installation with included coupling adapters
- Pulsed output proportional to flow allows for remote flow totalization

APPLICATIONS

- Low cost residential water measurement
- Agriculture (fertilizers, pesticides, and herbicides)
- Irrigation
- Remote water monitoring

SPECIFICATIONS

Service: Water.
Wetted Materials: Body: Nylon 66; Couplings: Nylon 66, 1-1/2" (40 mm) sizes lead free ECO BRASS® alloy; Measuring Chamber: ABS Plastic.
Flow Range: See model chart.
Accuracy: WPT-A-X-XX: Transitional Flow: ±3%; Nominal Flow: ±1.5%.
Temperature Limit: 122°F (50°C).
Pressure Limit: 150 psi (10 bar).
Totalizing Display Maximum: See model chart.
Output Signal: Pulse output with frequency proportional to flow rate.
Pulse Options: 0.1 gal, 1 gal, 10 gal, 100 gal per pulse (1 L, 10 L, 100 L, 1000 per pulse) See model chart.*
Electrical Rating: 0.01 A @ 24 VAC/DC.
Electrical Connections: Color-coded lead wires, 4.5' (1.5 m) long.
Mounting Orientation: Horizontal with register facing up.
Weight: See dimension chart.
*Consult factory for m³, BSPT units or additional pulse output options

| MODEL CHART | | | | | | | |
|---------------|-------------|---------------|--------------------------|--------------------|-------------------|-----------------------|------------------------|
| Model | Size | Coupling Size | GPM (Gallons Per Minute) | | | Display Max (Gallons) | Pulse Rate (Gal/Pulse) |
| | | | Max Flow | Nominal Flow Range | Transitional Flow | | |
| WPT-A-C-01 | 5/8" x 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 |
| WPT-A-C-02 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 0.1 |
| WPT-A-C-03 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 0.1 |
| WPT-A-C-04 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 0.1 |
| WPT-A-C-01-1 | 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 |
| WPT-A-C-02-1 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 1 |
| WPT-A-C-03-1 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 1 |
| WPT-A-C-04-1 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 1 |
| WPT-A-C-05-1 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 1 |
| WPT-A-C-01-10 | 1/2" | 1/2" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 |
| WPT-A-C-02-10 | 5/8" x 3/4" | 3/4" NPT | 20 | 1 to 20 | 0.25 | 9,999,999.99 | 10 |
| WPT-A-C-03-10 | 3/4" x 1" | 1" NPT | 30 | 2 to 30 | 0.5 | 9,999,999.99 | 10 |
| WPT-A-C-04-10 | 1" | 1" NPT | 50 | 3 to 50 | 0.75 | 9,999,999.99 | 10 |
| WPT-A-C-05-10 | 1-1/2" | 1-1/2" NPT | 100 | 5 to 100 | 1.5 | 9,999,999.9 | 10 |

USA: California Proposition 65
⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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