



SERIES WVT | VERTICAL WATER METER



FEATURES/BENEFITS

- Accurate flow measurement in vertical and horizontal orientations
- Polymeric materials prevent corrosion and chemical damage
- Pulse output for flow monitoring
- One-way valve prevents backflow into the meter

APPLICATIONS

- Irrigation flow monitoring
- Water usage in manufactured equipment
- Residential water metering

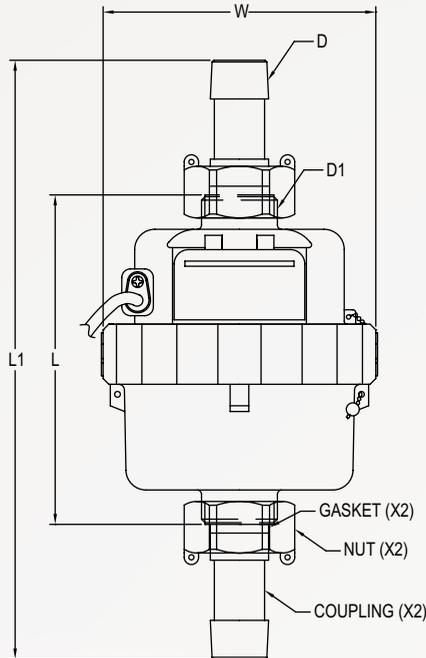
DESCRIPTION

The **Series WVT Vertical Water Meter** is a series of rotary piston water meters that display total water usage. The piston displacement technology results in accurate and reliable operation in either horizontal or vertical mounting. Polymer and stainless steel construction provides high durability and environmental resistance at an economical price. The optional pulse output can be used for flow verification and totalization. Adapter couplings are included to convert BSPP threads on the meter to NPT.

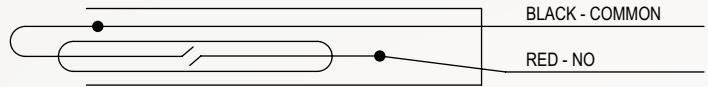
SPECIFICATIONS

Service	Water.
Wetted Materials	ABS, POM, SS, Buna-N.
Flow Range	See model chart.
Accuracy	Nominal flow: $\pm 2\%$; Transitional flow: $\pm 5\%$.
Temperature Limit	122°F (50°C).
Pressure Limit	150 psi (1034 kPa).
Totalizing Display Maximum	999,999.99 gallons.
Output Signal	Pulse output with frequency proportional to flowrate.
Pulse Rate	0.05 gal/pulse.
Electrical Rating	0.01 A @ 24 VAC/DC.
Electrical Connections	3.5mm ² stranded color-coded lead wires, 5' (1.5 m) length.
Mounting Orientation	Horizontal or vertical.
Weight	See dimension chart.

DIMENSIONS



WIRING DIAGRAM

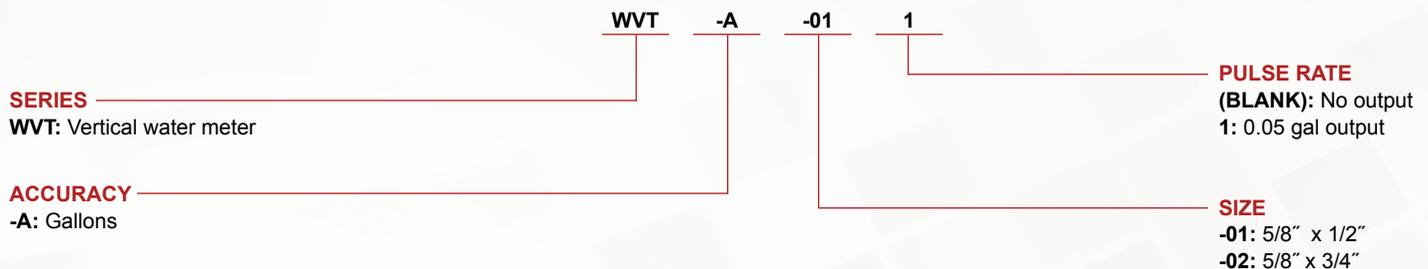


DIMENSIONS CHART

Spud Size	Length "L" in (mm)	Length with NPT Coupling "L1" in (mm)	Width "W" In (mm)	Weight lb (kg)
G3/4	4.53 (115)	8.23 (209)	3.78 (96)	1.15 (0.52)
G1	6.50 (165)	10.16 (258)	4.17 (106)	1.34 (0.6)

HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.



ORDER ONLINE TODAY!
dwyer-inst.com/Product/SeriesWVT



DS-WVT