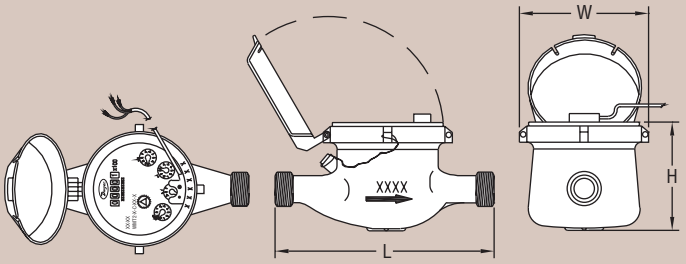
Series WMT2

Multi-Jet Water Meter with Pulsed Output

Economical, Brass Body, Dry Dial



Size in (mm)	Spud NPSM (BSPP)	Length 'L' in (mm)	Width 'W' in (mm)	Height 'H' in (mm)	Weight lb (kg)
5/8 1/2 (15)	3/4″ (3/4″)	6-1/2 (165)	3-45/64 (94)	4-15/64 (107.5)	3.75 (1.7)
5/8 x 3/4	1″ (1″)	7-1/2 (190)	3-45/64 (94)	4-15/64 (107.5)	3.97 (1.8)
3/4 (20)	1″ (1″)	7-1/2 (190)	3-45/64 (94)	4-15/64 (107.5)	4.9 (2.2)
1 (25)	1-1/4″ (1-1/4″)	10-1/4 (260)	3-55/64 (98)	4-5/8 (117.5)	6.4 (2.9)
1-1/4 (32)	1-1/2″ (1-1/2″)	10-1/4 (260)	3-55/64 (98)	4-5/8 (117.5)	8.2 (3.7)
1-1/2 (40)	2″ (2″)	11-13/16 (300)	4-51/64 (122)	5-9/16 (141.5)	13.52 (6.17)
2 (50)	2-1/2″ (2-1/2″)	11-13/16 (300)	5-45/64 (145)	6-31/32 (177)	18.74 (8.5)

The Series WMT2 Multi-Jet Water Meter is ideal for commercial and industrial applications. The multi-jet design allows simplicity and accuracy with wide flow ranges even in low flow applications. The meter is designed for long service life and relatively maintenance-free operation, even under adverse conditions. The magnetically driven, hermetically sealed register will not leak or fog and is completely separated from the water. The reed switch is activated by a magnet on the dial, which is directly proportional to the flow rate. The output is perfect for remote monitoring of flow rate or flow totalization, and can interface with PLC's, counters, data loggers, and SCADA systems.

FEATURES

- Magnetic Drive – water is sealed from entering register
- Dry dial won't discolor or fade – hermetically sealed from the elements
- Integral strainer that protects meters from particulate damage
- Pointer-roller indicator
- Frost resistant body
- Pulsed output
- Includes two mounting adapters (couplings)

SPECIFICATIONS

Service: Water.
Wetted Materials:
Body: Brass, polyethylene;
Couplings: Brass;
Measuring Chamber: Polyethylene, ABS plastic, ferrite, acetal.
Flow Range: See model chart.
Accuracy: Transitional Flow: ±5%; Nominal Flow: ±2%.
Temperature Limit: 104°F (40°C).
Pressure Limit: 232 psi (16 bar).
Pressure Drop: See service manual.
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 per pulse).
Electrical Rating: 0.01 A @ 24 VAC/DC.
Electrical Connections: Color-coded lead wires, 4.5′ (1.5 m) long.
Mounting Orientation: Horizontal.
Weight: See dimension chart.

Model	Coupling Size	Size	Max Flow GPM (Gallons Per Minute)	Nominal Flow Range	Transitional Flow	Display Max (Gallons)	Pulse Rate (Gal./Pulse)
WMT2-A-C-01	1/2′ NPT	5/8 x 1/2′	20	1 to 10	0.25	9,999,999.99	0.1
WMT2-A-C-02	3/4′ NPT	5/8 x 3/4′	20	1 to 20	0.25	9,999,999.99	0.1
WMT2-A-C-03	3/4′ NPT	3/4′	30	2 to 30	0.25	9,999,999.99	0.1
WMT2-A-C-04	1′ NPT	1′	50	3 to 50	0.75	99,999,999.9	0.1
WMT2-A-C-01-1	1/2′ NPT	5/8 x 1/2′	20	1 to 10	0.25	9,999,999.99	1
WMT2-A-C-02-1	3/4′ NPT	5/8 x 3/4′	20	1 to 20	0.25	9,999,999.99	1
WMT2-A-C-03-1	3/4′ NPT	3/4′	30	2 to 30	0.25	9,999,999.99	1
WMT2-A-C-04-1	1′ NPT	1′	50	3 to 50	0.75	99,999,999.9	1
WMT2-A-C-06-10	1-1/2′ NPT	1-1/2′	100	5 to 100	1.5	99,999,999.9	10
WMT2-A-C-07-10	2′ NPT	2′	160	80 to 160	2	99,999,999.9	10
WMT2-A-C-04-100	1′ NPT	1′	50	3 to 50	0.75	99,999,999.9	100
WMT2-A-C-07-100	2′ NPT	2′	160	80 to 160	2	99,999,999.9	100

Model	Coupling Size	Size	Max Flow m^3/h	Nominal Flow Range	Transitional Flow	Display Max (m^3)	Pulse Rate (L/Pulse)
WMT2-B-C-08-1	1/2′ BSPT	15 mm	3	0.12 to 1.5	0.03	99,999.9999	1
WMT2-B-C-10-1	3/4′ BSPT	20 mm	5	0.2 to 2.5	0.05	99,999.9999	1
WMT2-B-C-11-1	1′ BSPT	25 mm	7	0.25 to 3.5	0.07	99,999.9999	1
WMT2-B-C-12-1	1-1/4′ BSPT	32 mm	12	0.48 to 6	0.12	99,999.9999	1
WMT2-B-C-08-10	1/2′ BSPT	15 mm	3	0.12 to 1.5	0.03	99,999.9999	10
WMT2-B-C-12-10	1-1/4′ BSPT	32 mm	12	0.48 to 6	0.12	99,999.9999	10
WMT2-B-C-14-10	2′ BSPT	50 mm	30	1.2 to 15	0.3	999,999.9999	10
WMT2-B-C-12-100	1-1/4′ BSPT	32 mm	12	0.48 to 6	0.12	99,999.9999	100
WMT2-B-C-14-100	2′ BSPT	50 mm	30	1.2 to 15	0.3	999,999.9999	100