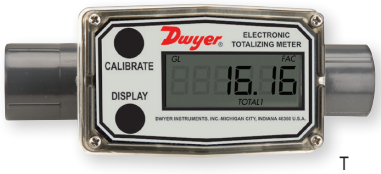
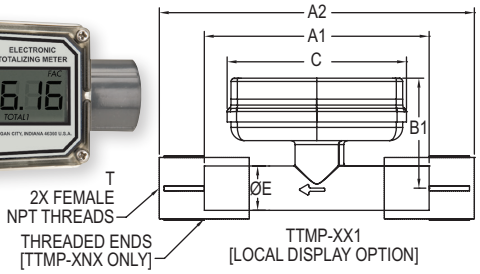
Dwyer

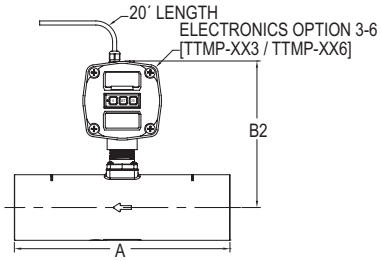
SERIES TTMP

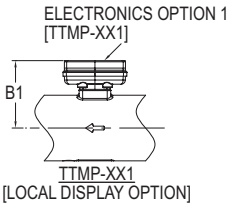
PVC ELECTRONIC TOTALIZING METER

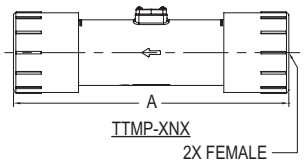
Batch or Cumulative Totals, Easy-to-Read LCD Display

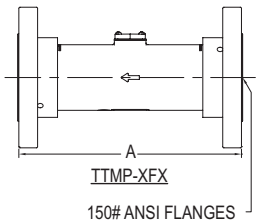












Model	Dimensions (in [mm])					
	A1	A2*	B1**	C	ØE	T*
TTMP-1XX	4-3/8 [111.00]	6-1/32 [153.16]	2-1/8 [54.10]	3-7/16 [87.38]	ø27/32 [21.34]	1/2″ NPT
TTMP-2XX	4-31/64 [113.79]	6-3/16 [156.97]	2-3/16 [55.63]	3-7/16 [87.38]	ø1-3/64 [26.67]	3/4″ NPT
TTMP-3XX	4-9/16 [116.08]	6-37/64 [167.13]	2-19/64 [58.42]	3-7/16 [87.38]	ø1-5/16 [33.53]	1″ NPT
TTMP-4XX	5-7/16 [138.18]	7-11/16 [195.33]	2-39/64 [66.29]	3-7/16 [87.38]	ø1-29/32 [48.26]	1-1/2″ NPT
TTMP-5XX	5-37/64 [141.73]	7-15/16 [201.68]	2-7/8 [72.90]	3-7/16 [87.38]	ø2-3/8 [60.45]	2″ NPT
TTMP-6XX	11-5/8 [295.40]	14-29/32 [378.71]	3-9/16 [90.42]	3-7/16 [87.38]	ø3-1/2 [88.90]	3″ NPT
TTMP-7XX	13-17/32 [343.66]	16-31/32 [431.04]	4-1/16 [103.12]	3-7/16 [87.38]	ø4-1/2 [114.30]	4″ NPT

*TTMP-XNX only; **TTMP-XX1 only

Model	Dimensions (in [mm])		
	A	B1**	B2***
TTMP-6SX	11-17/32 [292.89]	3-9/16 [90.42]	7-51/64 [198.04]
TTMP-6NX	14-29/32 [378.62]	3-9/16 [90.42]	7-51/64 [198.04]
TTMP-6FX	12-1/32 [305.59]	3-9/16 [90.42]	7-51/64 [198.04]
TTMP-7SX	13-17/32 [343.69]	4-1/16 [103.12]	8-19/64 [210.74]
TTMP-7NX	16-31/32 [431.01]	4-1/16 [103.12]	8-19/64 [210.74]
TTMP-7FX	14-1/32 [356.39]	4-1/16 [103.12]	8-19/64 [210.74]

**TTMP-XX1 only; ***TTMP-XX3/TTMP-XX6

The **SERIES TTMP** PVC Electronic Totalizing Meters offer batch and cumulative flow totals in a PVC construction for 1/2″ to 4″ pipe sizes with spigot, NPT or flange connections.

FEATURES/BENEFITS

- Compact modular design ideal for easy portability
- Easily alternate display from flow rate, batch or cumulative totals in one low cost unit
- Easy to read LCD display provides instantaneous local indication
- Included batteries featuring a 5 year life span with no added costs
- Immediate push button, field calibration eliminates downtime

APPLICATIONS

- Irrigation
- Municipal water monitoring

MODEL CHART					
Example	TTMP	-1	N	1	TTMP-1N1*
Series	TTMP				PVC electronic totalizing meter
Pipe Size		1			1/2″
		2			3/4″
		3			1″
		4			1-1/2″
		5			2″
		6			3″
		7			4″
Fitting Type			S		Spigot
			N		NPT female 1/2″ size
			N		NPT female 3/4″ size
			N		NPT female 1″ size
			N		NPT female 1-1/2″ size
			N		NPT female 2″ size
			N		NPT female 3″ size
			N		NPT female 4″ size
			F		150# ANSI flange 3″ size
			F		150# ANSI flange 4″ size
Electronics				1	Local display
				2	Pulse output
				3	4 to 20 mA output, no display**
				4	Pulse output, with display**
				5	4 to 20 mA output, with display**
				6	Scaled pulse output**

*1/2″ NPT PVC flowmeter with 2 button field configured computer
**Option only available in 3″ and 4″ options

SPECIFICATIONS

Service: Compatible fluids.
Flow Range: See flow chart.
Wetted Materials: 1/2 to 2″: PVC housing, ceramic bearings, tungsten carbide shaft, PVDF rotor, 316 stainless steel rings; 3 to 4″: PVC housing, PEEK® bearings, 316 stainless steel shaft & thrust washers, Acetal rotor & nose cone, ferrite signal generator.
Accuracy: 1/2″ to 2″: ±3% of reading; 3″ and 4″: ±2% of reading.
Batch Total Maximum: 999,999.
Cumulative Total Maximum: 99,999,900.
Temperature Limits: Process: 32 to 140°F (0 to 60°C); Storage: -40 to 158°F (0 to 70°C).
Pressure Limits: 1/2″ to 2″: 225 psig (15 bar) @ 73°F; 3″ and 4″: 135 psig (9.3 bar) @ 73°F.
Display: 6-digit LCD, 3/4″ H.
Process Connections: See model chart.
Power Requirements: TTMP-XX1: (2) 3V primary lithium metal batteries, installed functional, user replaceable; TTMP-XX3 to TTMP-XX6: (1) 9V primary lithium metal battery, installed functional, user replaceable or 7V to 30V external power.
Battery Life: TTMP-XX1: Approximately 5 years; TTMP-XX3 to TTMP-XX6: Approximately 4 years.
Weight: See weight chart.
Agency Approvals: CE.

Connection	Flow Range GPM (LPM)	Pressure Drop @ Max Flow Rate (Bar)	Weight lb (kg)
1/2″ spigot	1-10 (3.8-37.9)	14 psi (0.97)	0.38 (0.17)
3/4″ spigot	2-20 (7.6-75.7)	7.5 psi (0.52)	0.43 (0.20)
1″ spigot	5-50 (18.9-189)	15 psi (1.03)	0.49 (0.22)
1-1/2″ spigot	10-100 (37.9-379)	3 psi (0.21)	0.66 (0.30)
2″ spigot	20-200 (75.7-758)	4 psi (0.28)	0.78 (0.35)
3″ spigot	40-400 (152-1516)	3 psi (0.21)	2.4 (1.09)
4″ spigot	60-600 (227-2274)	5 psi (0.34)	3.7 (1.68)
1/2″ female NPT	1-10 (3.8-37.9)	14 psi (0.97)	0.55 (0.25)
3/4″ female NPT	2-20 (7.6-75.7)	7.5 psi (0.52)	0.67 (0.30)
1″ female NPT	5-50 (18.9-189)	15 psi (1.03)	0.49 (0.22)
1-1/2″ female NPT	10-100 (37.9-379)	3 psi (0.21)	1.38 (0.63)
2″ female NPT	20-200 (75.7-758)	4 psi (0.28)	1.78 (0.81)
3″ female NPT	40-400 (152-1516)	3 psi (0.21)	3.9 (1.77)
4″ female NPT	60-600 (227-2274)	5 psi (0.34)	6.1 (2.77)
3″ ANSI flange	40-400 (152-1516)	3 psi (0.21)	5.8 (2.63)
4″ ANSI flange	60-600 (227-2274)	5 psi (0.34)	9.2 (4.17)

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