

**VOLUMETRIC PISTON PLASTIC REMOTE READING GALLON WATER METER
MODEL: PDSM-15A**



APPLICATION:

- ◆ Measuring the volume of cold potable water passing through the pipeline with remote reading device.

FEATURES:

- ◆ Brass shell, solid and robust design, long service guaranteed.
- ◆ High quality materials fiberglass reinforced polymerization amine, corrosion resistance.
- ◆ Optimum accuracy and performance at all times, in any position.
- ◆ Revolutionary grooved piston for improved, durability and performance.
- ◆ Durable tamperproof construction.
- ◆ Volumetric meter, on principle of piston rotation, accurate measurement, easy and long term clear reading, etc.
- ◆ Great low flow accuracy.

DATA OUTPUT OPTIONS:

1 Pulse Per 5 Gallons

WORKING CONDITION:

- ◆ Water temperature: $\leq 120^{\circ}\text{F}$ (50°C)
- ◆ Water pressure: ≤ 150 psi (10bar)

MAXIMUM PERMISSIBLE ERROR:

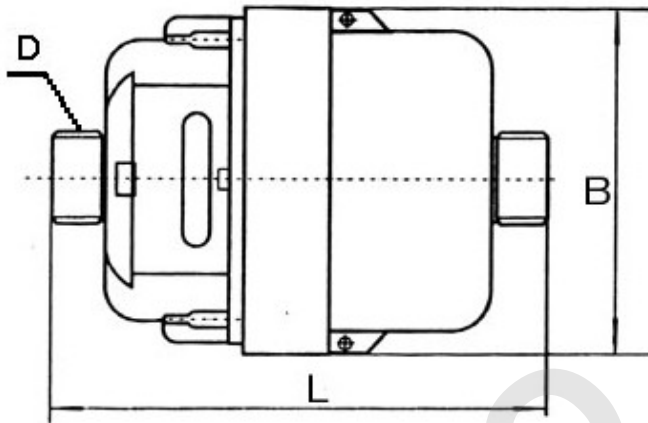
- ◆ In the lower zone from q_{\min} inclusive up to but excluding q_t is $-5\% \sim +1\%$
- ◆ In the upper zone from q_t inclusive up to and including q_s is $\pm 1.5\%$

ACCESSORIES:

Optional: Both brass connections and plastic connections are available.

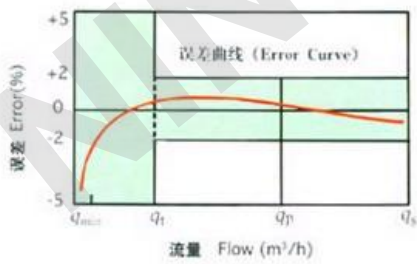
MAIN TECHNICAL DATA:

Type	Size	q_s	q_p	q_t	q_{min}	Min. Reading	Max. Reading
		Max. Flow	Nominal Flow	Transitional Flow	Min. Flow		
		Gallon/minute				Gallon	
PDSM-15S	5/8" x 3/4"	20	15	1.0	0.25	0.1	99,999,999



Type	Size	Length	Width	Connection Thread	Weight
PDSM-15S	5/8" x 3/4"	115	96	G1B	0.5kg

• 流量误差曲线 Flow Error Curve



• 压力损失曲线 Head Loss Curve

